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MARSHALL'S SEEDS



JAN 10 1922

W. E. MARSHALL & CO. INC.
166 WEST TWENTY THIRD STREET
NEW YORK CITY.

EIGHTEENTH ANNIVERSARY ANNOUNCEMENT



EIGHTEEN years ago we commenced business at 146 West 23d Street and after nine years moved to our present more commodious quarters at 166 West 23d Street, to enable us to handle our increased business.

In January, 1917, we incorporated, thereby giving our employees an interest in the welfare of our business.

We thank our numerous patrons and friends for their continued confidence in our goods, which has enabled us to be proud of their patronage, and we hope still to maintain the standard and quality of our goods in the future as in the past.

Our patrons will always find courteous treatment from our fellow workers who have so greatly aided us in the expansion of our business.

W. E. MARSHALL, President

A. W. WHEELER, Treasurer

S. H. WHITEFIELD, Secretary

January, 1922

ORDER EARLY

We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early.

PARCELS POST

We deliver free by Parcels Post all seeds, except Beans, Corn, Peas, Farm Seeds or Clovers. If these are wanted by mail, please add the cost of postage at zone rates.

We deliver free by mail all flower and vegetable seeds by the packet, ounce and quarter pound.

Fertilizers, insecticides, sundries, trees and plants are at all times excluded from free delivery.

No charge for delivery to railroad station, steamer or express office.

Owing to the scarcity of all Bags we are compelled to charge them at cost and credit will be given when returned, charges prepaid, if in good condition.

GARDENERS AND FARMERS

Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that anyone who applies to us fails of getting the right party. No fee.

SPECIAL NOTICE

PRICES

The prices published in this Catalogue are subject to market changes without notice.

Owing to the fluctuating market in prices of all materials, we cannot bind ourselves on prices of any articles.

W. E. MARSHALL & CO. Inc.

166 WEST 23d STREET, NEW YORK

LOCATION OF OUR STORE

Our store, No. 166 West 23d Street, is situated near Seventh Avenue, between Sixth and Seventh Avenues.

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TELEPHONE
3288 CHELSEA

Novelties and Specialties in Flower Seeds

ANGELONIA

Grandiflora

A very pretty and graceful greenhouse plant with pale mauve flowers on dainty sprays. Blooms the first season from seed. Pkt. 25c.

ANTIRRHINUM

Oak Ledge Beauty

A beautiful pink with white throat. Fine for forcing. Pkt. 50c.

ANTIRRHINUM

Oak Ledge Favorite

A distinct self pink for forcing or outside planting. Pkt. 50c.

ASTER

Heart of France

The best pure red Aster, the flowers are large and full, plants of the branching type and robust habit, stems are long and strong. Pkt. 25c.

CINERARIA

Cactus-Flowered

Large flowers with narrow rolled petals radiating from a small center. Very decorative for the conservatory. Colors in white, salmon and light blue shades. Pkt. 50c.

DELPHINIUM

Blue Butterfly, Improved

A greatly improved strain of this charming annual, a much richer color, larger flower and compact habit. Pkt. 25c.

PANSY

Marshall's Special Mixture

This is the finest mixture of Pansies obtainable for forcing or outside flowering. The seed we offer is saved only from the largest and best shaped flowers of the richest colors. The size and beautiful variations of this unrivaled strain are impossible to describe. Pkt. \$1.00, 1/16 oz. \$3.00.

PRIMULA

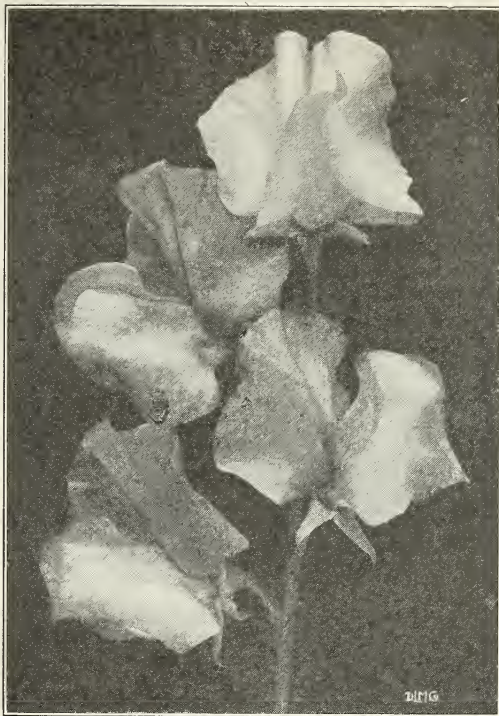
Malacoides Superba

A new and improved variety, flowers larger and much deeper in color than malacoides. The color is a deep rosy pink. Pkt. 25c.

PRIMULA

Malacoides Robusta

A great improvement in the type. Flowers large, of a clear, rosy lavender shade with yellow eye. Very long stem and sturdy habit. Pkt. 25c.



Sweet Pea White Star

SALVIA

Summer-Flowering

A new variety that will come into flower in July and continue throughout the season. It grows the same height as Bonfire and is a brilliant scarlet color. Pkt. 25c.

SOLANUM Acanthodes

A large, bright orange-red fruited Solanum with spiny stems. Valuable as a pot plant for decorative purposes. Pkt. 25c.

SWEET PEA

Mrs. Kerr

The flowers are of immense size and exquisite shape, most pleasing shade of rich salmon overlaid or suffused with orange. Pkt. \$1.00.

SWEET PEA

Mrs. Warren G. Harding

A distinct early Winter flowering novelty. A deep shade of silvery blue known as "The Harding Blue." A vigorous grower, with strong vines and healthy green foliage. Pkt. \$1.00.

SWEET PEA

White Star

A first-class, black-seeded white Sweet Pea. The flowers are of great substance and of the purest white. Plants robust and branch freely and early. Pkt. 50c.

::SPECIALTIES AND EXHIBITION::

STRAINS IN VEGETABLES



BEET. Marshall's Exhibition

BEET. Marshall's Dark-Leaved Globe

A perfect globe-shaped Beet, with a very dark texture and leaf. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

BEET. Marshall's Exhibition

A selected strain of the Globe type; roots medium size, symmetrical in form, and unrivaled for the exhibition or table use. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

BRUSSELS SPROUTS Marshall's Exhibition

For exhibition purposes this fine variety is unequalled and it cannot be surpassed for general cultivation. Pkt. 10c., oz. \$1.00.

CARROT. Marshall's Exhibition

A superb type of Intermediate Carrot. The skin is clear, bright in color, and the flesh close in texture, with very small core. In competition on the exhibition stage this variety has carried off more prizes than any other Carrot. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

CARROT. Marshall's Intermediate

This is a carefully selected stock for exhibition purposes. The color and quality are perfect. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

CORN. Charlevoix

An early or intermediate, yellow-grained, sweet Corn of distinctive merit. Ears about 7 inches long and usually twelve-rowed. Very sweet and tender. $\frac{1}{2}$ pt. 15c., qt. 30c., qt. 60c., 4 qts. \$2.00.

LEEK. Marshall's Giant

The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation; of a mild, delicious flavor. Pkt. 10c., oz. 80c.

LETTUCE. Marshall's Matchless

This distinct Lettuce which we introduced five years ago has been admired by all who have seen or used it. It is a cross between a head and Cos variety, very crisp and brittle, flavor distinct from other kinds and the best possible variety for home use. Fine for early frames or Summer use. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

ONION. Marshall's Invincible Giant

The latest and most important novelty in exhibition Onions. This is not an improved strain of Ailsa Craig, but grown under the same conditions, produces bulbs one-third larger. Pale yellow in color. The seeds we offer are carefully selected for us by an English grower. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00, oz. \$2.00.

ONION. Marshall's Ailsa Craig

The skin is a pale straw color; oval in shape. Excellent for exhibition purposes. The seed we offer is imported and grown from a selected strain. Pkt. 25c., $\frac{1}{2}$ oz. 50c., oz. \$1.00.

PARSLEY. Marshall's Crested Gem

The dwarf, compact habit of the plant and the fineness of the closely cut foliage are unsurpassed. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

PEPPER. Marshall's Perfection

Very smooth and uniform in shape; color when ripe a beautiful scarlet red; quality very sweet and delicious. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. \$1.00.

TURNIP. Quicksilver

Fine for exhibition; round, white skinned, with solid white flesh, very quick growing. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.



RUTA BAGA. Marshall's Matchless

RUTA BAGA. Marshall's Matchless

A purplish-bronze variety adapted for the table or feeding stock. It has a single tap root, very small top and excellent quality for exhibition purposes. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

NEW DECIDUOUS SHRUBS

JAPANESE AZALEAS

- BENGERI.** Evergreen leaves, nice, compact habit, flowers deep bright red. 9 to 12 in., each \$1.50; 12 to 15 in., each \$2.00; 15 to 18 in., each \$3.50.
- HAKALATA-SHIRO.** Flowers single, snow white. Dark green leaves, very compact, low, bushy grower. Each \$2.50 to \$5.00.
- HINOMAYO.** A wonderfully clear soft shade of pink. Foliage almost evergreen. 9 to 12 in., each \$1.75; 12 to 15 in., each \$2.50.
- KIMNAZOI.** Single, deep red flowers $1\frac{1}{4}$ in. in diameter; petals and leaves extremely narrow. Grows broad and bushy. Each \$2.50 to \$5.00.
- MACRANTHA.** Large, salmon red flowers; very late; quick grower. Each \$2.50 to \$5.00.
- MALVATICA.** Flowers light purple, wide, dark green leaves. 10 to 12 in., each \$2.50; 12 to 15 in., \$3.00.
- MAXWELLII.** Large, single, carmine-red flowers, 2 in. in diameter. Grows low and very broad; hardy. 12 to 15 in., each \$2.50; 15 to 18 in., each \$3.25; 18 in., each \$4.00.
- TAMA-NO-YUKI.** Orchid-like flowers. Outer edge of petals white, changing to rose towards the center. Each \$2.50 to \$5.00.
- YAYE-GIRI.** Beautiful salmon-red, semi-double flowers produced in abundance. Foliage distinct, being narrow and intense green. 6 to 8 in., each \$2.50; 18 in., each \$5.00.

BERBERIS *Stenophylla*

A very beautiful and graceful variety, long, arching sprays of narrow, dark, evergreen leaves; flowers profusely and suitable for rock gardens. Each \$1.00.

PHILADELPHUS

- ALBATRE.** Slender branches bearing large, full, double, pure white flowers produced in dense panicles. Each \$1.50.
- CANDELABRE.** Slender arching branches, forming festoons of large, fragrant, white flowers, with denated petal. Each 75c.
- FALCONERI.** Slender arching branches; flowers fragrant, $1\frac{1}{2}$ in. across, petals narrow. Grows to 8 ft. high. Each \$2.50.
- VIRGINAL.** One of the most beautiful new varieties. A vigorous, tall grower, with large, double crested, pure white flowers; sweetly scented. Each \$2.50.

PYRACANTHA *Coccinea Lalandii*

An evergreen thorn with white flowers and orange-colored berries. Leaves rich and glossy. Pot-grown plants, 1 to $1\frac{1}{2}$ ft., each \$1.50; $1\frac{1}{2}$ to 2 ft., \$2.25; 2 to $2\frac{1}{2}$ ft., \$3.00.

ROSA *Hugonis*

An upright rose with stems covered in early Spring with clear yellow flowers before the foliage appears. Each \$2.00.

VIBURNUM *Carlesii*

A rare and beautiful species from China. Round heads of white flowers, faintly tinted rose at first, possessing a delightful fragrance. Foliage oval, stems and branches dark brown. Each \$2.50.

LANDSCAPE GARDENING

We have on hand a competent staff of men, who are experienced in the making and development of private estates.

We shall be pleased to submit a sketch or planting table of any place if you will submit us the dimensions and layout of the property.

Consult us before going to a high-priced architect as we have the practical experience.

LILY OF THE VALLEY PIPS FROM COLD STORAGE

We have in storage a large quantity of Dresden Pips for forcing at any season of the year.

Lily of the Valley can be forced in about four weeks from cold storage pips. We cannot supply less than 250 pips.

Marshall's Matchless Pips. 250 for \$12.50, 500 for \$23.00, 1000 for \$45.00.

**ACHIMENES**

Useful for hanging baskets and pots.

Galathea. Dark violet-blue.

Magnifica. Mauve, tall grower.

Dainty Queen. White with lavender eye.

Swainsonii. Mauve with white throat.

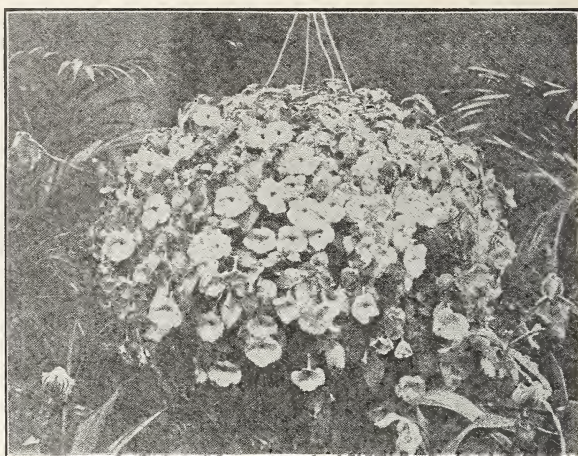
Bulbs of any of the above: Doz. \$4.00, 100 \$30.00.

GLADIOLUS. Gold Measure

Pure golden yellow of unequalled size and beauty. The very best yellow Gladiolus in existence. Each \$4.00, doz. \$45.00.

MONTBRETIA**Star of the East**

Orange yellow. Immense flowers on tall stems. Each 40c., doz. \$4.00, 100 \$25.00.



Achimenes

GREENHOUSE ROSES

CRUSADER. This Rose is a free grower, very free flowering and has large, double, rich, velvety crimson flowers.

MME. BUTTERFLY. Described as a glorified Ophelia. Color a harmony of bright pink, apricot and gold. Own root stock only.

MRS. JOHN COOK. White, suffused with delicate pink, describes the color of this strong growing and prolific Rose.

PILGRIM. In color a beautiful shade of bright rose pink. Its pronounced tea fragrance will attract all Rose lovers. A wonderful grower and highly productive of first quality flowers. Grafted stock only.

Grafted stock of the above.	Doz.	100	Own root plants	Doz.	100
2¼-in. pots.....	\$6.00	\$45.00	2¼-in. pots.....	\$4.00	\$30.00
3-in. pots.....	8.00	55.00	3-in. pots.....	5.00	40.00

Columbia. Pink.

Double White Killarney.

Hadley. Velvety crimson.

Hoosier Beauty. Deep crimson.

Killarney. Delicate pink.

Killarney Brilliant. Pink.

Mme. Colette Martinet. Deep yellow.

Mrs. Aaron Ward. Rich yellow.

Mrs. Chas. Russell. Pink.

My Maryland. Pink.

Ophelia. Clear salmon pink.

Premier. Rose pink.

Radiance. Deep pink.

Red Radiance. A grand red.

Richmond. Red.

Sunburst. Own root stock only.

Grafted stock of the above.	Doz.	100	Own root stock of the above	Doz.	100
2¼-in. pots.....	\$6.00	\$45.00	2¼-in. pots.....	\$4.00	\$30.00
3-in. pots.....	8.00	55.00	3-in. pots.....	5.00	35.00

For other Roses, see pages 68, 69.

NEW SALVIAS

SALMON PINK. A beautiful pink Salvia with similar habit and growth to Bonfire.

WHITE BONFIRE. In habit and growth the same as Bonfire only having white flowers.

Plants from 2-in. pots of the above, doz. \$5.00, 100 \$30.00.

NEW ANTIRRHINUMS

Golden Delight.

Golden Pink Queen.

Philadelphia Pink.

Orlando.

Any of the above plants, from 2¼-in. pots, doz. \$2.50, 100 \$15.00.

COLD STORAGE BULBS

We are prepared to ship the following in 25, 50 or 100 lots at any time.

LILIUM giganteum. Bulbs 9 to 10 in., 50 for \$40.00, 100 for \$75.00.

LILIUM auratum. Bulbs 9 to 11 in., 25 for \$13.00, 100 for \$50.00.

LILIUM auratum. Bulbs 11 to 13 in. 25 for \$16.00, 100 for \$60.00.

LILIUM speciosum album. Bulbs 8 to 9 in. 25 for \$12.00, 100 for \$35.00.

LILIUM speciosum album. Bulbs 9 to 11 in. 25 for \$14.00, 100 for \$45.00.

LILIUM speciosum Melpomene. Bulbs 9 to 11 in. 25 for \$11.00, 100 for \$40.00.

LILIUM speciosum Melpomene. Bulbs 11 to 13 in. 25 for \$13.00, 100 for \$50.00.

LILIUM speciosum Melpomene. Bulbs 13 to 15 in. 25 for \$22.00, 100 for \$85.00.



MARSHALL'S VEGETABLE SEEDS

WITH GENERAL DIRECTIONS FOR CULTIVATION

W. E. MARSHALL & CO., INC., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 25c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

ARTICHOKE PLANTS

Large French Globe. Plants ready for shipment after April 1st. Doz. \$2.50, 100 \$20.00.

Jerusalem. Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 30c., pk. \$1.75.

ASPARAGUS

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Conover's Colossal. Very prolific and tender.....	\$0.05	\$0.10	\$0.30
Palmetto. A fine variety, producing large, green Asparagus.....	.05	.10	.30

ASPARAGUS ROOTS

It requires 100 plants for a single row of 150 feet.

Culture.—The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top-dressing of manure after the stalks have been cleared away.

ONE-YEAR-OLD ROOTS

	100	1000
Palmetto. Large, bright green....	\$1.25	\$10.00
Conover's Colossal. Deep green....	1.25	10.00
Columbian Mammoth. White....	1.25	10.00
Giant Argenteuil. Very large.....	1.25	10.00

TWO-YEAR-OLD ROOTS

	25	100	1000
Palmetto.	\$0.60	\$2.00	\$15.00
Conover's Colossal......	.60	2.00	15.00
Giant Argenteuil......	.60	2.00	15.00
Forcing Clumps.	3.00	10.00	

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

DWARF SHELL BEANS

Sow in drills 2 feet apart as soon as warm weather has set in; soil should be light and rich; covering about 2 inches.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Boston Pea or Navy. Used when dry for cooking purposes.....	\$0.20	\$0.30	\$0.60	\$2.00
White Kidney. Excellent Shell, or String Bean.....	.20	.30	.60	2.00
White Marrow. For use in a dry state in Winter, or as a String Bean.....	.20	.30	.60	2.00
English Broad Windsor. A nutritious, large Bean growing 3 feet high on stiff stems. Should be planted very early.....	.20	.40	.80	3.00

Add postage at Zone rates if Beans are to be mailed. One pint is equivalent to one pound.

DWARF GREEN-PODDED SNAP BEANS

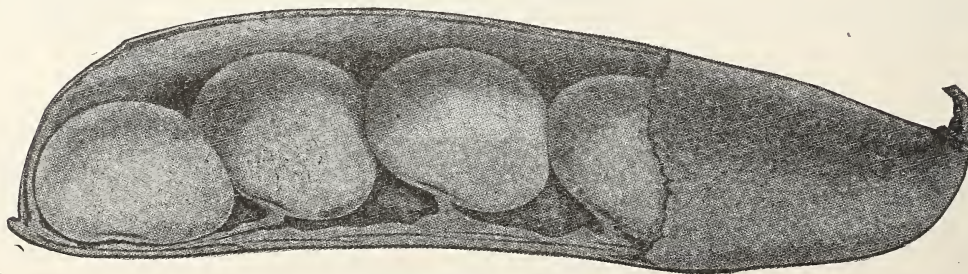
One quart will plant 150 feet of drill.

	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts.
Black Valentine. Long, round, solid green pods; very early.....	\$0.20	\$0.30	\$0.60	\$2.25
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.....	.20	.30	.60	2.25
Canadian Wonder. Large, green pods. Fine for table or exhibition.....	.25	.50	1.00	3.50
Dwarf Horticultural. Late and productive; flat, stringless pods.....	.20	.30	.60	2.25
Early Mohawk. Long, straight, flat pods; early, hardy and productive.....	.20	.30	.60	2.25
Extra Early Refugee. Two weeks earlier than the Late Refugee; very prolific.....	.20	.30	.60	2.25
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods; tender; fine flavor.....	.20	.30	.60	2.25
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.....	.20	.40	.70	2.50
Longfellow. Long, straight, round, solid green pods; very early.....	.20	.30	.60	2.25
Long Yellow Six Weeks. Very early, with full, flat pods.....	.20	.30	.60	2.25
Masterpiece. A beautiful round, green podded variety, long, straight, stringless pods; fine for forcing and exhibition.....	.50	1.00	2.00	7.00
Ne Plus Ultra. A fine variety for forcing. Green, flat pods.....	.40	.75	1.50	5.00
Refugee Late, or 1000 to 1. Medium to late; very productive and tender. Largely grown for main crop; round pod.....	.20	.30	.60	2.25
Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp a long time after maturity.....	.20	.30	.60	2.25

DWARF WAX-PODDED BEANS

Black Wax, Currie's Rust-Proof. Large, flat pods; early.....	\$0.20	\$0.30	\$0.70	\$2.50
Black Wax, Improved Prolific. The pods are round, and of fine quality....	.20	.35	.70	2.50
Davis' White Kidney Wax. Long, waxy white; flat pods.....	.20	.35	.70	2.50
Golden Wax, Improved. Very early; flat pods, long, stringless.....	.20	.30	.60	2.25
Golden Eyed Wax. Very hardy and prolific, with flat, yellow pods.....	.20	.30	.60	2.25
Golden Scimitar, or Pencil-Pod Black Wax. Long, round, yellow, stringless pods.....	.20	.35	.70	2.50
Hodson Wax. Handsome, thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.20	.35	.70	2.50
Refugee Wax. A Refugee with long, round, wax pods; stringless.....	.20	.35	.70	2.50
Valentine Wax. A perfect Valentine Bean with wax pods.....	.25	.40	.80	3.00
Wardwell's Kidney Wax. Early; long, flat, wax pods.....	.20	.30	.60	2.25

DWARF, OR BUSH LIMA BEANS



Fordhook Bush Lima Beans

Burpee's Improved Bush Lima. A bush form of the large, flat Pole Lima....	\$0.20	\$0.40	\$0.80	\$3.00
Dreer's or Thorburn's Bush Lima. Round, thick Beans; very prolific.....	.20	.40	.80	3.00
Fordhook Bush Lima. It is of erect habit; beans very large and heavy cropper.....	.20	.40	.80	3.00
Henderson's Bush Lima, or Dwarf Sieva. Productive.....	.20	.40	.80	3.00
Wilson's Improved Bush Lima. A week to ten days earlier than Burpee's, more productive but not quite so large.....	.25	.40	.80	3.00

If Beans are wanted by Parcel Post add postage at Zone rate. 1 lb. per pint, 2 lbs. per quart.



POLE, OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

	Pt.	Qt.	4 qts.
Carpenteria Lima. The beans have a greenish tint; vines vigorous and very $\frac{1}{2}$ pt. productive. A perfect Lima bean.....	\$0.25	\$0.40	\$0.80 \$3.00
Challenger Lima. Thick and productive. Best of all.....	.25	.40	.80 3.00
Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness.....	.25	.40	.80 3.00
Large, White Lima. One of the best Shell Beans grown. Matures in 90 days; very popular. Our seeds of this variety are extra selected, large and fine.....	.25	.40	.80 3.00
Leviathan Lima. The earliest variety of Pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.40	.80 3.00
Small Sieva, or Carolina Lima. Small size; early and prolific.....	.25	.40	.80 3.00
Dutch Case Knife. Pods long, green and flat; can be either snapped or shelled.....	.20	.40	.75 2.75
Golden Cluster Wax. Long, golden yellow pods in clusters.....	.30	.50	1.00 3.50
Horticultural Pole. Good as a Snap or Shelled Bean.....	.25	.45	.90 3.25
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.25	.40	.80 3.00
Scarlet Runner. A popular English Pole Bean; very ornamental.....	.25	.40	.80 3.00
French Yard-Long. A curious and interesting variety with pods 20 to 36 in. long.....	Pkt. 25 cts. .60	1.25	2.50

"MULFORD CULTURES." The use of Mulford Cultures when planting Beans will increase your yields. Small size, 35c. Garden size, 75c. State if wanted for Strong or Lima Beans when ordering.

BEAN POLES. Cedar wood, 8 to 9 ft. long, pointed to drive in the ground, \$2.75 per doz., \$20.00 per 100.

BEET

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent used as Spinach.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use.....	\$0.05	\$0.20	\$0.60	\$2.00
Early Eclipse. Very early; dark blood color; small top.....	.10	.20	.60	2.00
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat.....	.05	.20	.60	2.00
Crosby's Egyptian. Extra early; round, dark red.....	.10	.20	.60	2.00
Crimson Globe. Fine globular shape; flesh deep purple; fine quality.....	.10	.20	.60	2.00
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red....	.10	.20	.60	2.00
Long Smooth Blood. A prolific variety, very dark in color.....	.10	.20	.60	2.00
Marshall's Dark leaved Globe. A perfect globe-shape, with a very dark texture and leaf.....	.10	.30	.75	2.50
Marshall's Exhibition Globe. Very carefully selected stock. Dark red and the finest shape Globe variety.....	.10	.30	1.00	3.00
Sutton's Globe, or Model. A perfect globe-shaped variety.....	.10	.30	.75	2.50
Swiss Chard. The roots of this variety are of no value, but the leaves are superior to those of the ordinary Beet and excellent as greens.....	.05	.20	.60	1.75
Swiss Chard, Giant Lucullus. An improved variety.....	.10	.25	.75	2.50

MANGEL-WURZEL AND SUGAR BEET

Sow 6 to 8 pounds per acre.

	$\frac{1}{4}$ lb.	Lb.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....	\$0.40	\$1.00
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.40	1.00
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.40	1.00
Vilmorin's Imperial Sugar. An improved French variety.....	.40	1.00

BROCCOLI

(For Cultural Directions, see Cauliflower).

	Pkt.	Oz.	¼ lb.
White Cape. Heads compact and of a creamy white color.....	\$0.10	\$0.75	\$2.50

BRUSSELS SPROUTS

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's Exhibition. The finest variety of all the Brussels Sprouts. Very large and of superior quality.....	\$0.10	\$0.50	\$1.00	\$3.00
Long Island Improved. Solid, round sprouts of the best quality.....	.10	.30	.60	2.00
Improved Dwarf. A dwarf variety, producing numerous heads.....	.10	.30	.60	2.00

CABBAGE

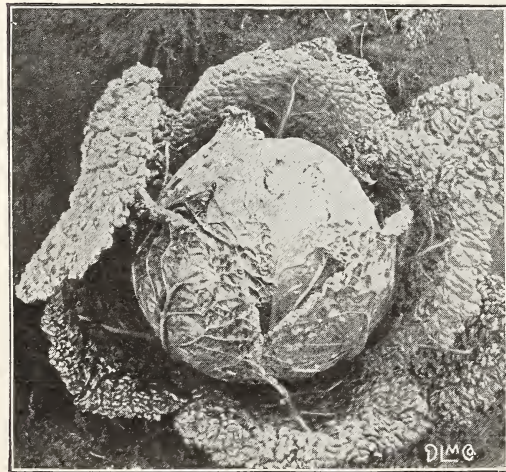
One ounce will produce 3000 plants.

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's First Crop. An ideal variety for the private garden producing solid pointed heads earlier than any other variety.....	\$0.25	\$0.60	\$1.00	\$3.00
Autumn King. One of the finest late varieties.....	.10	.25	.50	1.50
Chinese, or Celery. Resembling a Cos Lettuce; the outer leaves are used as a salad or cooked.....	.10	.25	.50	1.50
Copenhagen Market. Very early, round head; short stemmed.....	.10	.30	.60	2.00
Danish Ball Head. Very round; solid Winter sort. A fine shipper.....	.10	.30	.60	2.00
Early Flat Dutch. A second early Cabbage; large, solid heads.....	.10	.25	.50	1.50
Early Spring. An extra early Cabbage with a round, flat head.....	.10	.25	.50	1.50
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves.....	.10	.25	.50	1.50
Early Winnigstadt. Conical shape; quality very good.....	.10	.25	.50	1.50
Improved Early Summer. A superior second early sort.....	.10	.25	.50	1.50
Large Late Flat Dutch. The heads are large and solid, with few outer leaves.....	.10	.25	.50	1.50
Large Early York. A fine early sort; solid heads and of good size.....	.10	.25	.50	1.50
Late American Drumhead. One of the largest and best keeping varieties. Fine keeper.....	.10	.25	.50	1.50
Succession. A week later than Early Summer. Large, solid heads.....	.10	.25	.50	1.50

SAVOY CABBAGE

Marshall's Exhibition. The heads are of medium size and mature early, the leaves deeply embossed and distinctly ornamental. The best variety for private use.....



Exhibition Savoy Cabbage

	Pkt.	½ oz.	Oz.	¼ lb.
Early Dwarf Ulm. A very early dwarf variety of fine quality....	.10	.25	.50	1.50
Perfection Drumhead. A large, improved strain. Strong and vigorous grower.....	.10	.25	.50	1.50

RED CABBAGE

	Pkt.	½ oz.	Oz.	¼ lb.
Early Red Erfurt. A standard variety; heads solid and large size.....	\$0.10	\$0.25	\$0.50	\$1.50
Large Red Drumhead. Heads round, solid, and deep blood red in color.....	.10	.25	.50	1.50
Mammoth Rock Red. The largest red Cabbage; color deep red... ..	.10	.25	.50	1.50
Red Stonehead. Medium size, but very solid heads.....	.10	.30	.60	2.00



CARDOON

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

CARROTS

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. Tender and fine, best for early crops and frames.....	\$0.10	\$0.50	\$1.50	\$4.00
Early Scarlet Horn. Very thick roots; fine for frames.....	.10	.25	.75	2.50
Chantenay Half Long Stump. Style of Nantes, broader shoulder.....	.10	.20	.60	2.00
Danver's Half Long. Large; of good quality and productive. One of the most popular sorts.....	.10	.20	.60	2.00
Half Long Stump-rooted, Nantes Strain. Very popular.....	.10	.20	.60	2.00
Long Orange. For garden and field crops this is the best variety.....	.10	.20	.60	2.00
Marshall's Exhibition. A superb intermediate variety; skin clear, bright red color.....	.10	.30	1.00	3.00
Marshall's Intermediate. Fine exhibition variety.....	.10	.30	1.00	3.00
Oxheart (Guerande). Very thick and short, very sweet.....	.10	.20	.60	2.00
White Belgium. Very large; for stock.....	.10	.20	.60	2.00

CAULIFLOWER

One ounce of seed produces about 3000 plants.

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about 2 $\frac{1}{2}$ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Marshall's First and Best. Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.....	\$0.50	\$3.00	\$10.00
Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves.....	.50	2.50	8.00
Marshall's Extra Early Snowball. One of the best for forcing or open ground.....	.25	1.50	5.00
Dry Weather. This variety is especially adapted for long, dry seasons.....	.25	1.50	5.50
Gilt-Edge. Large, heavy sort. The best and surest of all.....	.25	1.50	5.00
Extra Early Paris. Heads of medium size; first-class.....	.10	.60	2.00
Autumn Giant. Vigorous in growth and very large; late.....	.20	.75	2.50
Algiers. An extra fine, late variety; suitable for market and sure to head.....	.10	.60	2.00
Market Garden. A large variety of the Erfurt type, solid white heads. A popular late sort.....	.10	.75	2.50

CELERY

One ounce will sow about 300 feet of row and produce about 5000 plants

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Easy Blanching. Blanches very easily, medium dwarf, good flavor and a fine keeper.....	\$0.15	\$1.00	\$3.00
Fin de Siecle. The largest, hardiest and best keeping Winter Celery.....	.10	.40	1.25
Giant Pascal. The stalks are solid and crisp; golden yellow heart.....	.10	.40	1.25
Golden Dwarf, or Golden Heart. A distinct variety; crisp, solid; fine flavor.....	.10	.40	1.25
Golden Self-Blanching. French grown; crisp, tender and of fine flavor.....	.25	1.00	3.00
Market Red. Large and very solid. A fine table variety.....	.10	.50	1.75
Marshall's White Plume. A valuable early variety. Requires very little blanching.....	.10	.50	1.50
Perfection Heartwell. Medium height and blanches well.....	.10	.40	1.25
Schumacher. A large growing sort; solid, crisp and of a fine nutty flavor.....	.10	.40	1.25
Winter Queen. Very large; solid green, Winter variety; blanches well.....	.10	.40	1.25
Celery Seed. Used in kitchens for flavoring soups.....		.20	.60

CELERIAC, or TURNIP-ROOTED CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Giant Prague. The finest variety. Very large roots which are almost round.....	.10	.40	1.25
Large Erfurt. Round, clear skinned roots.....	.10	.40	1.25

**CHERVIL**

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil. The young leaves are used for flavoring soups and salads.....

Pkt.	Oz.	¼ lb.
\$0.10	\$0.40	\$1.25

CHICORY

Common, or Wild. Sow in June. The young shoots form the Barbe de Capucin, the celebrated salad of France..... .05 .50 1.50
Large-Rooted Magdeburg. Used to mix with or as a substitute for coffee..... .05 .50 1.50
Witloof, or French Endive. The stalks when blanched are used for salad..... .05 .60 2.00

COLLARDS

Sow Seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Pkt. 5c., oz. 20c., ¼ lb. 45c.

CORN SALAD, OR FETTICUS

One ounce will sow 150 feet of drill.

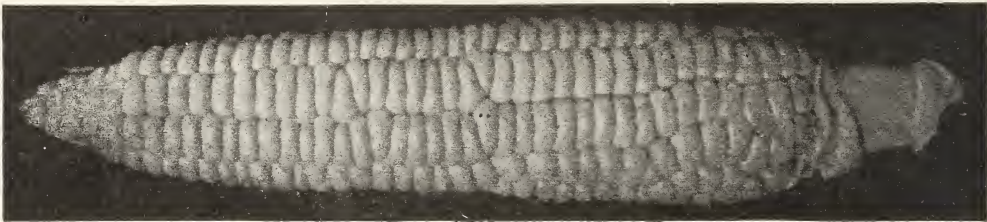
Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded. The most popular variety grown. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.

CORN, SWEET

One quart will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.



Golden Bantam Sweet Corn

EXTRA EARLY

	½ pt.	Pt.	Qt.	4 qts.
Charlevoix. An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor.....	\$0.15	\$0.50	\$0.60	\$2.00
Early Mayflower. One of the earliest white-seeded varieties. Long, well filled ears.....	.15	.25	.50	1.75
Early Minnesota. One of the earliest varieties grown. Dwarf; ears small....	.15	.25	.50	1.75
Golden Bantam. Extra early; yellow; very sweet and tender.....	.15	.25	.50	1.75
Golden Rod. Very early, golden grains and sweet flavor.....	.15	.30	.60	2.00
Howling Mob. An early variety of large size ears; white, sweet grains.....	.15	.30	.60	2.00
Kendel's Giant. Large variety and fine quality.....	.15	.25	.50	1.75
Mammoth White Cory. Ears double the size of the old Cory.....	.15	.25	.50	1.75
Red Cory. Early, tender and sweet.....	.15	.25	.50	1.75

SECOND EARLY

Crosby's Early. One of the standard early sorts.....	.15	.25	.50	1.75
Early Champion. Large; white cob; very sweet.....	.15	.25	.50	1.75
Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen....	.15	.25	.50	1.75
Early Mammoth. Ten days earlier than Mammoth.....	.15	.25	.50	1.75
Metropolitan. Large, handsome ears of fine quality.....	.15	.30	.60	1.75

GENERAL AND LATE

Black Mexican. The sweetest and most delicious variety grown.....	.15	.25	.50	1.75
Country Gentleman. Ears medium size; deep grains in irregular rows on cob and deliciously sweet.....	.15	.25	.50	1.75
Late Mammoth. The largest late variety grown.....	.15	.25	.50	1.75
Stowell's Evergreen. The most popular variety grown; ears large and very sweet. The seed we offer has been carefully grown and selected.....	.15	.25	.50	1.75

Packets of all varieties of Corn, 10c. each, post free.

POP-CORN, White Rice. Shelled. Lb. 30c.



CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

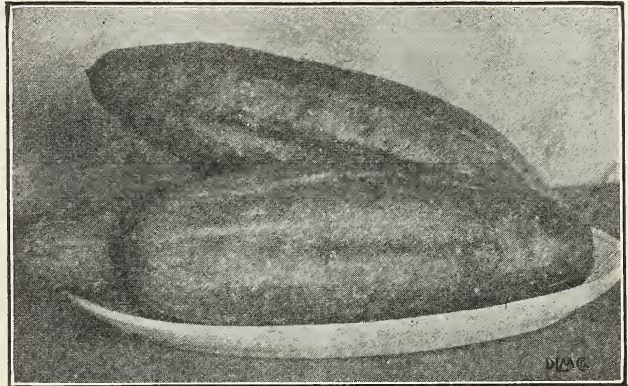
A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; Pkt. highly prized for garnishing.	\$0.05	\$0.15	\$0.50	\$1.50
Upland, or Broad-leaved Winter. A garden substitute for Water Cress; crisp, tender and perfectly hardy. ....	.10	.15	.50	1.50
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. ....	.25	1.25	4.00	

CUCUMBERS

One ounce to 60 hills, 2 to 3 pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.



Cool and Crisp Cucumber

	Pkt.	Oz.	¼ lb.
Cool and Crisp. A strain of White Spine; flesh peculiarly crisp and tender.	\$0.10	\$0.25	\$0.75
Davis' Perfect. An excellent variety both for outdoors and forcing purposes. ....	.10	.20	.60
Early Cluster. Prolific, tender and crisp; about 5 inches long; good color. ....	.10	.20	.60
Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality, for table use or pickles. ....	.10	.25	.75
Everbearing. Valuable as a green pickler. ....	.10	.20	.60
Extra Long White Spine. Much longer than ordinary White Spine; very prolific. ....	.10	.20	.60
Fordhook Famous. The largest and most handsome garden variety. The skin is a bright green. ....	.10	.25	.75
Green Prolific Pickling. Dark green; medium strength; very free bearer. ....	.10	.20	.60
Improved Long Green. Long and crisp; a popular variety for pickles. ....	.10	.20	.60
Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent. ....	.10	.20	.60
Japanese Climbing. This is a strong and vigorous grower; fine for pickling. ....	.10	.25	.75
West Indian Gherkin. Used only for pickles; the smallest of all varieties. ....	.10	.25	.75

ENGLISH CUCUMBERS FOR FRAMES

	Pkt.		Pkt.
Covent Garden Favorite.	\$0.30	Lockie's Perfection.	\$0.30
Duke of Edinburgh. ....	.30	Sutton's Matchless. ....	.30
Kelway's Freedom. ....	.30	Telegraph, Improved. ....	.30

DANDELION

The Dandelion affords one of the earliest and most healthful Spring greens or salads.
Improved French. Large thick leaves. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

ENDIVE

One ounce of seed for 100 feet of drill.

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart, in rows and when well grown blanch by folding the leaves.

	Pkt.	Oz.	¼ lb.
Broad-leaved (Escarolle). Leaves long and broad; thick and succulent.	\$0.10	\$0.25	\$0.75
Green Curled. Hardy, finely curled; easily blanched. One of the best. ....	.10	.25	.75
White Curled. Blanches rapidly; excellent and very tender. ....	.10	.25	.75

EGG PLANT

One ounce will produce about 2000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room where the temperature will average 75 degrees.

	Pkt.	½ oz.	Oz.	¼ lb.
Black Beauty. As large as New York Improved but ten days earlier.....	\$0.10	\$0.40	\$0.80	\$2.50
Long Purple. Fruit longer and smaller than the above sort; hardy; productive. .10	.10	.40	.75	2.50
New York Improved. Purple; the best variety; very large, oval, heavy fruit. .10	.10	.40	.75	2.50

KALE, OR BORECOLE

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

	Pkt.	Oz.	¼ lb.
Curled Dwarf Green Scotch. Very dwarf and spreading; best strain.....	\$0.10	\$0.30	\$1.00
Marshall's Exhibition Curled. Closely curled leaves.....	.10	.60	2.00
Curled Siberian Improved. Uniformly dwarf; green curled; hardy.....	.10	.30	1.00

KOHL-RABI

One ounce will sow 300 feet of row.

Cultivate the same as the Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

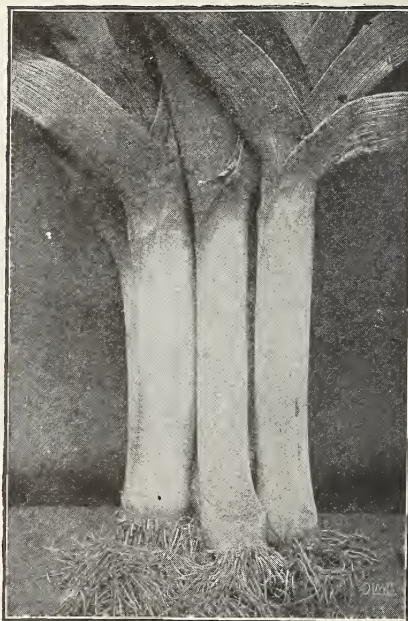
	Pkt.	½ oz.	Oz.	¼ lb.
Early White Vienna. Very early and should be used before being fully grown. Flesh white with greenish white skin.....	\$0.10	\$0.25	\$0.50	\$1.50
Early Purple Vienna. Similar to the preceding, except in color. .10	.10	.25	.50	1.50

LEEK

One ounce will sow 200 feet of drill.

The Leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

	Pkt.	Oz.	¼ lb.
Marshall's Giant. The largest and best Leek for exhibition. Highly recommended as the choicest variety in cultivation, of a mild and delicious flavor.....	\$0.10	\$0.80	\$2.50
Large American Flag. The most desirable for market or family use.....	.10	.30	1.00
Musselburgh, or Carentan. A very large variety of superior quality.....	.10	.30	1.00



Marshall's Giant Leek

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

CABBAGE, or HEADING VARIETIES

	Pkt.	Oz.	¼ lb.
All Heart. A beautiful yellowish green head Lettuce. Withstands intense heat. Fine for the private garden.....	\$0.10	\$0.25	\$0.75
All Seasons. Large, handsome, extremely solid head; color a light grayish green.....	.10	.20	.60
Boston Market. Solid, crisp and compact. One of the best for forcing.....	.10	.20	.60
Big Boston. Fine for forcing in coldframes or for open ground.....	.10	.20	.60
Deacon. A splendid variety for standing the Summer heat; large, solid head.....	.10	.20	.60
Giant Crystal Head. Large, solid; outside leaves bright green, inside white.....	.10	.25	.75
Golden Queen. A good forcing variety of a golden yellow color; heads solid.....	.10	.25	.75
Hanson Improved. Heads large, hearts quickly, and stands the Summer well.....	.10	.25	.75
Iceberg. Large, solid heads; yellow heart; very crisp.....	.10	.25	.75
Mammoth Black-seeded Butter. A large head Lettuce of splendid quality.....	.10	.25	.75



LETTUCE—Continued.

	Pkt.	Oz.	¼ lb.
Marshall's Matchless. A cross between a head variety and the Cos type, it has numerous loose leaves which form into a long, loose head. Very sweet and tender, a fine variety for Summer use and early frames.....	\$0.10	\$0.60	\$2.00
May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer.....	.10	.25	.75
Mignonette. Distinct russet colored; very solid and compact.....	.10	.25	.60
New York, or Wonderful. Large solid heads; inside very white.....	.10	.25	.75
Improved Salamander. Large heads that stand the drought and heat.....	.10	.25	.60
Tennis Ball (Black-Seeded). A very distinct compact head with few outer leaves...	.10	.25	.60
Way Ahead. The leaves are light green, heads blanched to a rich yellow tint.....	.10	.30	.75
White Summer Cabbage. A fine Summer variety; heads of good size.....	.10	.25	.60

CURLED, or LOOSE-LEAVED VARIETIES

Black-Seeded Simpson. Nearly double the size of Curled Simpson.....	.10	.25	.60
Early Curled Simpson. One of the earliest and best for market.....	.10	.25	.60
Grand Rapids. This is regarded as the best forcing loose-leaved variety.....	.10	.25	.60

ROMAINE, or COS VARIETIES

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanched by drawing in the outer leaves and tying.

Eclipse Cos. A perfectly distinct variety. It is the dwarfest Cos
Lettuce.....

Pkt.	Oz.	¼ lb.
\$0.10	\$0.40	\$1.25

Paris White Cos, Romaine. One of the finest varieties for Summer use.....

.10	.25	.75
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Trianon Cos. The long, narrow leaves, which form solid heads, bleach and quickly become snowy white.

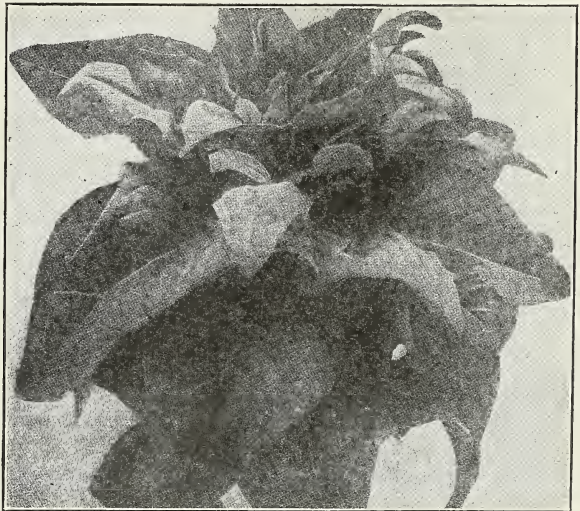
.10	.25	.75
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MELON, MUSK

One ounce will plant 60 hills.

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	¼ lb.
Defender. One of the best yellow-fleshed sorts; medium size, oval in shape.....	\$0.10	\$0.25	\$0.75
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.....	.10	.25	.75
Field's Daisy. Rich orange flesh resembling Emerald Gem but is larger, with thicker flesh and better flavor.....	.10	.60	2.00
Fordhook. The flesh is very thick, of a deep salmon color.....	.10	.25	.75
Hackensack. Large, round and good quality.....	.10	.25	.75
Harute. Very large, beautifully netted. Flesh solid and pale yellow when ripe.....	.25	.75	2.50
Honey Dew. Large round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.50	1.50
Hoodoo. Nearly round, about the size of Rocky Ford; flesh rich, deep orange.....	.10	.25	.75
Jenny Lind. Small, green fleshed; very early; good quality.....	.10	.25	.75
Long Island Beauty. The earliest and finest in quality; green flesh.....	.10	.25	.75
Montreal Market. Large, round netted; flesh thick and light green; late.....	.10	.25	.75
Netted Gem, Round. Very early; small and of fine flavor; green flesh.....	.10	.25	.75
Orange Christina. Round; very sweet and very early; orange flesh.....	.10	.25	.75
Paul Rose. Oval; rich orange flesh; very sweet.....	.10	.25	.75
Rocky Ford. Very sweet and fine flavored; oblong.....	.10	.25	.75
Tip Top. A slightly oval shape and yellow-flesh variety; fine flavor.....	.10	.25	.75



Matchless Lettuce

ENGLISH FORCING VARIETIES

	Per Pkt.		Per Pkt.
Blenheim Orange. Scarlet flesh.....	\$0.30	Royal Sovereign. Golden skin, white flesh..	\$0.50
Diamond Jubilee. Greenish white flesh.....	.30	Sutton's A1. Scarlet flesh.....	.30
King George. Scarlet flesh.....	.50	Sutton's Universal. White flesh.....	.50
Royal Jubilee. Oval, green flesh.....	.50	Suplative. Scarlet flesh.....	.30



MELON, WATER

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
Citron. Round and handsome; for preserving; red seed.....	\$0.10	\$0.20	\$0.50
Cole's Early. Medium size; red flesh; green skin.....	.10	.20	.50
Cuban Queen. Solid and heavy; skin marked regularly.....	.10	.20	.50
Florida Favorite. A superior strain; oblong; green-white stripes.....	.10	.20	.50
Fordhook, Early. Flesh bright red; very sweet.....	.10	.20	.60
Hungarian Honey. A very early sort; perfectly round; flesh red.....	.10	.20	.60
Kleckley Sweets. Exceedingly sweet and fine flavored.....	.10	.20	.50
Kolb Gem. Large; bright red flesh of fine quality.....	.10	.20	.50
Mammoth Iron-clad. Light green skin, striped dark green.....	.10	.20	.50
Mountain Sweet. Early, large, oblong, skin dark green, flesh red and sweet. A good variety for northern gardens.....	.10	.20	.50
Tom Watson. Dark green rind with deep red flesh, very large, oblong shape.....	.10	.20	.50

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate, and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring.

Pure Culture Prolific Direct Bricks. An American-made spawn which produces large crops of large size, deep cream, and excellent quality Mushrooms. Per brick 40c., 10 bricks for \$3.50, 50 bricks \$15.00.

MUSTARD

One ounce will sow 100 feet of drill.

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
White London. The best variety for salad.....	\$0.10	\$0.20	\$0.40	\$1.25
Giant Southern. Curled. Very large leaves.....	.10	.20	.40	1.25

OKRA, OR GUMBO

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Very early; smooth pods.....	\$0.10	\$0.20	\$0.40	\$1.00
Long Green. Long ribbed pods; very productive.....	.10	.20	.40	1.00
Perkin's Improved. Pod very tender, long and deep green.....	.10	.20	.40	1.00
White Velvet. Tender white pods; smooth and velvety in appearance.....	.10	.20	.40	1.00

ONION SETS

Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets the Onion can be used in the green state in June, or they will be matured by July.

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
Red Onion Sets.	\$0.30	\$1.25	\$2.25	White Multipliers.	\$0.50	\$2.00	\$3.50
White Onion Sets......	.30	1.25	2.25	Shallots......	.75	3.50	6.00
Yellow Onion Sets......	.30	1.25	2.25	Garlic......	.60		

Prices of Onion Sets are subject to market changes.



ONION

One ounce will sow 200 feet of drill. 4 to 5 pounds to the acre.

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot, dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

RED VARIETIES

	Pkt.	½ oz.	Oz.	¼ lb.
Large Red Wethersfield. Half early and a good keeper; large size.....	\$0.10	\$0.20	\$0.40	\$1.25
Large Red Globe (Southport Strain). The finest large red sort.....	.10	.20	.40	1.25
Early Red Flat. Medium size; very early; deep red; mild flavor.....	.10	.20	.40	1.25

WHITE VARIETIES

	Pkt.	½ oz.	Oz.	¼ lb.
Early White Barletta. A small white Italian sort; very early.....	.10	.20	.40	1.25
Large White Portugal. The large, flat sort of the New York markets.....	.10	.25	.50	1.50
Marshall's Large White Globe (Southport Strain.) Very large and handsome.....	.10	.25	.50	1.50
Mammoth White Garganus, or Silver King. Large, silvery white.....	.10	.25	.50	1.50
White Queen. Pure white, small, flat; fine for pickling.....	.10	.20	.40	1.25
White Tripoli. Large, white, Italian variety.....	.10	.30	.60	2.00

YELLOW VARIETIES

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's Ailsa Craig. The skin is a pale straw color and oval in shape; excellent for exhibition purposes.....	.25	.50	1.00	3.50
Cranston's Excelsior. Inclined to globular in shape and of a beautiful straw color.....	.25	.60	1.20	4.50
Danvers' Yellow. A round, flat, standard sort; early and a good keeper.....	.10	.20	.40	1.25
Marshall's Giant Gibraltar. Fine exhibition variety.....	.25	.50	1.00	3.50
Marshall's Invincible Giant. An improved type of Ailsa Craig. Pale yellow color. Fine for exhibition purposes.....	.25	1.00	2.00	
Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well.....	.10	.20	.40	1.25
Yellow Pricetaker. Immense size; globe-shaped.....	.10	.20	.40	1.25

PARSLEY

One ounce will sow 200 feet of row.

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection. A dwarf and compact Parsley of bright green color, Pkt. Oz. ¼ lb.
exquisitely curled. . . \$0.10 \$0.35 \$1.00

Marshall's Crested Gem. Fine closely cut foliage with dwarf compact habit. 10 .50 1.50

Extra Double Curled. A beautiful curled dwarf variety.05 .20 .50



Marshall's Dwarf Perfection Parsley

	Pkt.	Oz.	¼ lb.	Lb.
Moss Curled. A distinct variety; beautifully crimped and curled.....	\$0.10	\$0.25	\$0.75	
Turnip Rooted. Grown for its roots which are used in flavoring soups.....	.10	.20	.50	
Plain. A plain-leaved variety; fine for flavoring.....	.10	.20	.50	

PARSNIP

One ounce will sow 200 feet of drill.

Sow Parsnip seed as early in Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

	Pkt.	Oz.	¼ lb.	Lb.
Marshall's Marrow. A grand selection, clean white, long roots; fine for exhibition and family use. The finest stock in this country.....	\$0.10	\$0.25	\$0.75	\$2.50
American Hollow Crown. Long, smooth and milky white.....	.10	.20	.75	2.00
Early Round. Adapted to shallow soils; early and good flavor.....	.10	.30	.80	2.25

PEAS

One quart will plant about 150 feet of drill.

Peas mature earliest in a light rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

EXTRA EARLY PEAS

	Height in feet	$\frac{1}{2}$ Pint	Pint	Quart	4 Qts.
Alaska. One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.30	\$0.60	\$2.00
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored peas.....	1½	.20	.35	.70	2.50
Extra Early Market, Marshall's. A standard extra early Pea; pro- ductive and profitable to grow.....	2½	.20	.30	.60	2.00
First of All. Selected strain of extra earlies.....	2½	.20	.30	.60	2.00
Gradus. The finest extra early Pea. The pods are very large and well filled, with large wrinkled green peas.....	3	.25	.40	.80	3.00
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor; great yielder; very early.....	1½	.25	.40	.80	3.00
Little Marvel. Very early, wrinkled peas, long pods.....	2	.20	.35	.70	2.50
Nott's Excelsior. Splendid early wrinkled sort; very prolific.....	1	.20	.30	.60	2.25
Peter Pan. A fine large podded dwarf pea.....	1¼	.25	.40	.75	2.50
Sutton's Excelsior. An extra early dwarf wrinkled Pea; pods filled with large peas of the finest flavor.....	1	.20	.35	.70	2.50
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.25	.40	.75	2.50

MEDIUM CROP PEAS

Abundance. Very large wrinkled Peas. Two weeks later than the extra early varieties.....	1½	.20	.30	.60	2.00
Advancer, McLean's. A fine standard sort of excellent quality.....	2½	.20	.30	.60	2.00
Champion of England. Well known standard variety. Sow thickly..	5	.20	.30	.60	2.00
Dwarf Champion, or Juno. Dwarf form of Champion of England....	2	.20	.35	.70	2.50
Duke of Albany (American Champion). Immense pods.....	5	.20	.35	.70	2.50
Everbearing. Long pods, large Pea. Sow thickly.....	2½	.20	.35	.70	2.50
Marchioness. A grand wrinkled Pea for general crop.....	3	.25	.40	.80	3.00
Market Garden. In the style of Advancer; very prolific.....	2½	.20	.35	.70	2.50
Perfect. An English mid-season variety, with handsome long pods produced in pairs, very heavy bearer.....	2½	.25	.50	1.00	3.50
Prince Edward. Branching habit, large pods filled with Peas right to the end; very prolific.....	4	.25	.35	.70	2.50
The Admiral. A valuable second early variety; medium size deep green Peas. Vines strong and vigorous.....	4	.20	.35	.70	2.50
The Lion. A wonderfully productive English early variety.....	3	.25	.50	1.00	3.50

MAIN CROP PEAS

Alderman. One of the finest of the large podded main crop varieties. Pods measure nearly 6 in., well filled.....	5	.20	.35	.70	2.50
Quite Content. A giant podded variety, very prolific.....	5	.25	.40	.80	3.00
Telephone. A tall growing late sort, having pods of very large size, containing six or seven peas of delicious flavor.....	5	.20	.35	.70	2.50
White Marrowfat. A favorite; heavy yielder.....	4	.20	.25	.50	1.75
Black-Eyed Marrowfat. Very hardy and prolific; for market.....	3	.20	.25	.50	1.75

SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken and cooked like string beans when the Peas start to develop in the pod or have reached about half their full size.

Gray-Seeded Sugar. Immense pods.....	3	.20	.35	.70	2.50
Tall Melting Sugar. One of the best edible pod sorts.....	5	.20	.35	.70	2.50

"Mulford Cultures." Peas yield earlier, longer and better crops when treated with Mulford Cultures. Small size, $\frac{1}{8}$ acre, 35c.; garden size, $\frac{1}{4}$ acre, 75c.



PEPPER

One ounce will produce 2000 plants.

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. The plants may also be forwarded in small pots.

	Pkt.	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.
Cayenne, Long Red. Bright red slender pods; 3 in. long.....	\$0.10	\$0.40	\$0.75	\$1.50
Chinese Giant. Very large; bright scarlet.....	.10	.40	.75	2.00
Large Bell, or Bull Nose. Large, bright red; largely used for pickling, mild flavor.....	.10	.40	.75	2.00
Magnum Dulce. Very large; flesh mild and sweet.....	.10	.40	.75	2.00
Marshall's Perfection (Pimiento). Very smooth and uniform in shape; sweet and delicate, and entirely free from pungency. Color when ripe a beautiful scarlet red.....	.10	.40	.75	2.00
Red Chili. Very productive; very small; red and very pungent.....	.10	.40	.75	2.00
Ruby King. Bright red, 4 to 6 in. long; best for stuffing.....	.10	.40	.75	2.00
Sweet Mountain. Large size; regular handsome shape; mild flavor.....	.10	.40	.75	2.00
Sweet Spanish. Large; mild used for salad.....	.10	.40	.75	2.00
Upright Sweet Salad. Color bright scarlet; flesh mild and very sweet. As large as Ruby King and are borne upright clear of the ground.....	.10	.40	.75	2.00

POTATOES

GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 ft. row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil about 4 inches deep.



Irish Cobbler Potato

Beauty of Hebron. Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.....	Bush. \$4.50	Bag \$10.00
Bovee. Extra early; fine quality; flesh white.....	4.50	10.00
Dibble's Russet. This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease-resistant and blight-proof properties.....	4.50	10.00
Early Rose. Very early; fine quality; very productive, skin shaded rose color.....	4.50	10.00
Gold Coin. Very productive, fine table quality; flesh pure white and cooks very dry.....	4.50	10.00
Green Mountain. Oval shape; white skin and flesh; heavy yielder; good for Winter use....	4.50	10.00
Irish Cobbler. One of the best extra early varieties; very large white and heavy copper; of excellent quality.....	4.50	10.00
Sir Walter Raleigh. Very large oblong tubers, uniform in shape.....	4.50	10.00

At the time of going to press with this Catalogue the Potato market is so unsettled that prices are subject to change

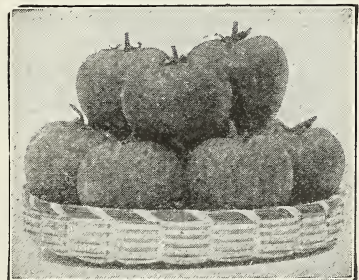
We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment.

Potatoes are forwarded by express or freight as directed, purchaser paying charges.

POTATOES FROM SEED

Growing new and distinct Seedling Potatoes from the seed ball is interesting. They will produce new kinds, shapes, sizes and colors. All valuable new varieties are produced from just such seeds. Pkt. 15c.



Potato Seed Balls—One-third Size

PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	¼ lb.	Lb.
Connecticut Field. Grown in Corn fields for stock.....	\$0.10	\$0.20	\$0.60	\$1.50
Cushaw Striped. A splendid striped crook-neck variety.....	.10	.25	.75	2.50
Early Sugar. Fine grained; small; yellow.....	.10	.20	.60	2.00
Large Cheese. Flat; the best variety for small family use.....	.10	.20	.60	2.00
Mammoth King. Grows to an enormous size.....	.10	.25	.75	2.50
Mammoth Tours. A very large French variety.....	.10	.25	.75	2.50
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.10	.25	.60	2.00

RADISH

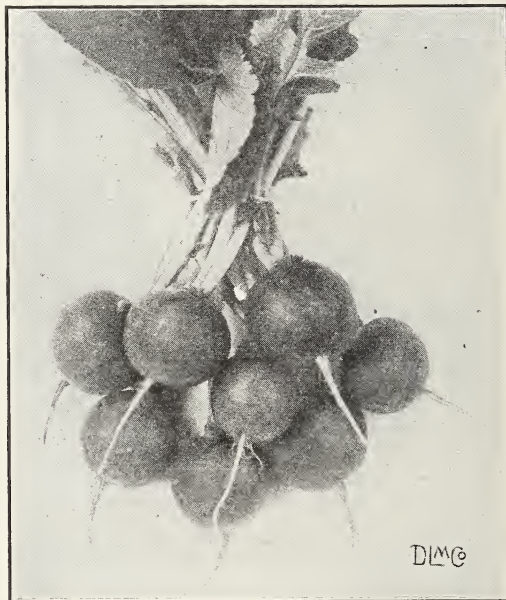
One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

Early Scarlet Turnip				
Forcing. Crisp; very early.....	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75	Lb. \$2.00
Deep Scarlet Turnip				
Forcing or Non Plus Ultra. Round, short leaved, crisp; very early.....	.10	.25	.75	2.00
Scarlet Turnip White-Tipped				
Forcing. Round, very early.....	.10	.25	.75	2.00
Early Scarlet Globe.				
Fine for forcing or open ground.....	.10	.25	.75	2.00



Early Scarlet Turnip Radish

French Breakfast Forcing (White-tip Rocket). Very rapid growing; tender and crisp.....	Pkt. \$0.10	Oz. \$0.25	¼ lb. \$0.75	Lb. \$2.00
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OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.25	.75	2.00
Turnip, Early Scarlet. Very early. The French favorite.....	.10	.20	.50	1.50
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.10	.20	.50	1.50
Turnip, Early White, or Box. Flesh pure white and sweet.....	.10	.25	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or outdoors; flesh very tender and crisp.....	.10	.20	.60	2.00
Turnip, Triumph (Speckled Beauty). Very prettily striped or mottled scarlet or white; fine forcer.....	.10	.25	.75	2.50
Turnip, Large White Summer. Of large size; roundish shape.....	.10	.20	.50	1.50
Olive-Shaped French Breakfast. Pink and white; early.....	.10	.20	.50	1.50
Olive-Shaped Deep Scarlet. Crisp; very early.....	.10	.20	.60	1.75
Olive-Shaped White. Mild and fine for Summer.....	.10	.20	.60	1.75
Long Scarlet Short Top. Very long; for frames or outdoors.....	.10	.20	.60	1.75
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.10	.20	.60	1.75
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.10	.20	.60	1.75

WINTER VARIETIES

Scarlet Chinese. Very handsome and distinct and keeps well.....	.10	.20	.60	1.75
Long Black Spanish. The popular Winter sort.....	.10	.20	.60	1.75
Half-Long Black Spanish. Very fine strain.....	.10	.20	.60	1.75
Round Black Spanish. Fine for Winter.....	.10	.20	.60	1.75
California White Mammoth. A very large Winter variety.....	.10	.20	.60	1.75
Sakurajima (Mammoth Japan). The largest sort in cultivation.....	.10	.30	.75	2.50

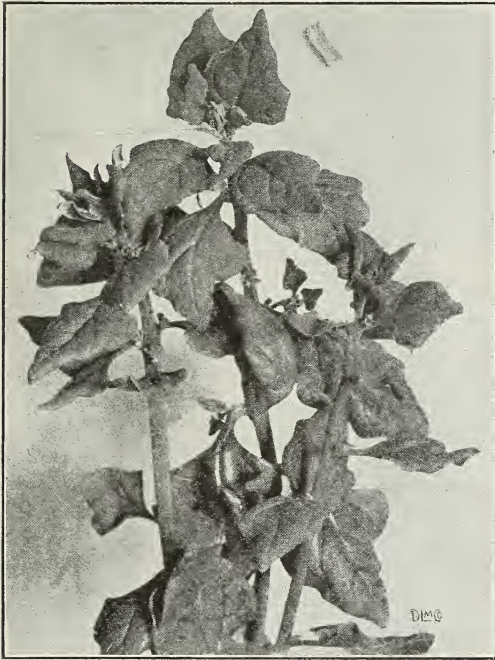
**RHUBARB***One ounce will produce 1000 plants.*

Sow in April in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the root into deep, rich soil, 3 feet apart each way.

Victoria. Very large; later than the Linnaeus. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Rhubarb Roots. Extra strong. Each 25c., doz. \$2.50, 100 \$20.00.

Rhubarb Roots. For forcing. Each 35c., doz. \$3.50, 100 \$25.00.

**New Zealand Spinach****SALSIFY, OR OYSTER PLANT***One ounce will sow 150 feet.*

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Mammoth Sandwich Island.			
True. Large and superior;			
very fine flavor.....	\$0.10	\$0.40	\$1.25
Long Black, or Scorzonera.			
Resembles long white, but			
black.....	.10	.50	1.50

SPINACH*One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.*

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
New Zealand. Makes				
a low spreading plant				
from which delicious,				
tender greens can be				
gathered the entire				
Summer.....	\$0.10	\$0.20	\$0.50	\$1.50

Perpetual Summer or Spinach Beet. Dark green leaves, which are produced all the Summer making a delicious Spinach when cooked.....	.10	.40	1.00	3.00
Long Standing. Of delicious, tender quality; dark green. The longest standing before going to seed.....	.10	.15	.30	1.00
Savoy-Leaved, or Bloomsdale. Large, tender curled leaves.....	.10	.15	.30	1.00
Round Thick-Leaved. The variety in most general use; equally good for Spring or Autumn sowing.....	.10	.15	.30	1.00
Victoria. A new variety with thick dark-green Pkt. Oz. $\frac{1}{4}$ lb. Lb.				
leaves. Best long standing Spinach.....	\$0.10	\$0.15	\$0.30	\$1.00
Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing, leaves are thick, succulent and tender.....	.10	.15	.30	1.00
Prickly, or Winter. Vigorous and hardy, recommended for Fall sowing.....	.10	.15	.40	1.00

SORREL*One ounce will sow 150 feet of drill.*

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

SWISS CHARD, OR SPINACH BEET

This Beet produces leaves only; excellent as greens. Cultivate same as Spinach, sowing the seed in early Spring, in drills $1\frac{1}{2}$ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Giant Lucullus. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

**Swiss Chard**



SQUASH

*One ounce Early Squash will plant about 50 hills.
One ounce Marrow Squash will plant about 25 hills.*

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

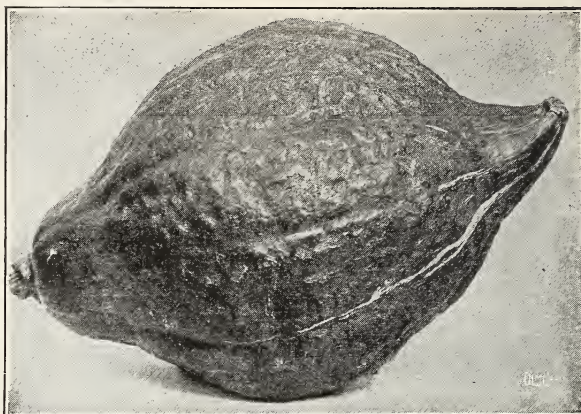
BUSH VARIETIES

Improved Early White Bush Scallop.

A good early shipping variety. Pkt. 10c. oz. 25c., $\frac{1}{4}$ lb. 75c.

Giant Summer Crookneck. Double the size of Summer Crookneck. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Golden Custard. Fine quality and cooks tender. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c.



Hubbard Squash

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Golden Summer Crookneck. Yellow fruit; distinct; best for Summer.....	\$0.10	\$0.35	\$1.25
Cocozelle Bush. A fine variety; oblong shape; skin smooth, dark green, marbled yellow or pale green.....	.10	.30	1.00
Yellow Bush Scallop. The popular yellow variety.....	.10	.30	1.00

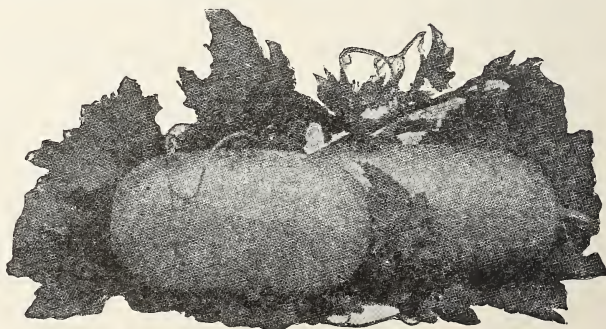
RUNNING VARIETIES

Boston Marrow. Oval; bright orange; flesh yellow and fine.....	.10	.25	.75
Delicious. Green skin; orange flesh; fine grained; sweet and dry.....	.10	.35	1.25
Essex Hybrid. Large round, flattened turban shape; very hard shell. A good Fall and Winter sort.....	.10	.25	.75
Fordhook. A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow.....	.10	.35	1.00
Golden or Red Hubbard. Flesh deep golden yellow; fine for private use.....	.10	.30	1.00
Improved Hubbard. Well known and liked for late use.....	.10	.30	1.00
Hubbard Mammoth Warted. Very large, covered with warts. Fine keeper.....	.10	.35	1.00
Mammoth Chili. Rich orange flesh; grows to an enormous size.....	.10	.30	1.00
Perfect Gem. Round, white, fine quality; good for Fall or Winter.....	.10	.30	.75
Winter Crookneck. One of the best Winter sorts.....	.10	.30	.75
Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white.....	.10	.30	.75

ENGLISH VEGETABLE MARROWS

The following varieties are well adapted for growing in this climate.

Long Green Bush. Fruits Pkt. Oz.		
long pale green; rich flavor....	\$0.10	\$0.40
Long White Bush. Creamy white; very prolific.....	.10	.40
Long Cream. Very long, pale cream color; trailing sort.....	.10	.40



White Bush Vegetable Marrow

TOBACCO SEED

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Suitable for growing in these latitudes; used for cigar wrappers. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.50.

Imported Havana. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Before ordering HARDY PLANTS and NURSERY STOCK see our forty-page descriptive NURSERY CATALOGUE. Mailed on request.



TOMATO

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

	Pkt.	½ oz.	Oz.
Marshall's Prolific. The finest medium-sized Tomato for forcing or outdoor planting. It is an enormous cropper, producing large clusters of bright scarlet fruit.	\$0.25	\$2.00	\$4.00
Comet. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red.	.25	1.00	2.00
Best of All. An excellent sort for forcing or early outdoor crop.	.25	1.00	2.00
Stirling Castle. Excellent for forcing as well as outdoor culture. Fruit medium size.	.25	1.50	3.00
Sunrise. A fine forcing variety; rich scarlet color.	.25	1.50	3.00
Winter Beauty. Fine forcer, fruits of good size, smooth and deep color.	.25		
Acme. Medium size fruit, of purple pink color, tinged with purple.	.10	.25	.50
Coreless, Livingston's. Bright red, almost round and free from core.	.10	.25	.50
Crimson Cushion. Extra large, handsome, bright crimson.	.10	.30	.60
Dwarf Champion. The plant is of dwarf and compact growth.	.10	.25	.50
Dwarf Stone. Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit.	.10	.25	.50
Earliana. Extra early; bright red; smooth.	.10	.25	.50
Early Ruby. The earliest large Tomato grown; rich crimson color.	.10	.25	.50
Golden Queen. A good yellow sort; first-class quality; large and solid.	.10	.25	.50
John Baer. A beautiful, brilliant red variety; perfect, solid, high crown fruits.	.10	.40	.75
Marshall's National. A very early, bright red, coreless variety.	.25	1.00	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid.	.10	.25	.50
Perfection. Early, regular and productive; reddish scarlet.	.10	.25	.50
Ponderosa. The largest variety in cultivation; very solid and meaty.	.10	.40	.75
Stone. Very large, perfectly smooth; fine, bright scarlet.	.10	.25	.50

SMALL FRUITED TOMATOES

Red Cherry. Small fruits; used for pickles; very handsome.	.10	.30	.60
Red Currant. Very small fruits; for preserves.	.10	.30	.60
Red Peach. Resembling a Peach; for preserves, pickles and exhibition.	.10	.30	.60
Red Pear. Fruit handsome and solid; fine for preserves.	.10	.30	.60
Red Plum. Bright red, round, regular; for pickles.	.10	.30	.60
Strawberry (Winter Cherry, or Husk Tomato). Makes fine sauce.	.10	.30	.60
Yellow Cherry. For pickles and preserves.	.10	.30	.60
Yellow Peach. Beautiful clear yellow; perfectly resembles a Peach.	.10	.30	.60
Yellow Pear. Handsome, yellow, Pear-shaped fruits.	.10	.30	.60
Yellow Plum. Round and regular; bright yellow.	.10	.30	.60

TURNIP

One ounce will sow 200 feet of drill.

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

	Pkt.	Oz.	¼ lb.	Lb.
Early Milan, Purple Top. Earliest of all, white with purple top.	\$0.10	\$0.30	\$1.00	\$3.00
Early Milan, Pure White, Selected. Very handsome, pure white and as early as the above; flesh very sweet and tender.	.10	.30	1.00	3.00
Early Snowball. Small, and rapid growth; pure white.	.10	.20	.50	1.50
Cow Horn. Long, white; in shape resembles a cow's horn.	.10	.20	.50	1.50
Golden Ball. Very handsome; keeps fairly well.	.10	.20	.50	1.50
Quicksilver. A perfect shaped, round, white skinned, with solid white flesh variety. Very quick growing and fine for exhibition.	.10	.35	1.00	3.00
Red Top, Strap Leaf. The popular Fall flat sort.	.10	.20	.50	1.50
Red Top, Globe-shaped. A standard sort in the New York market.	.10	.20	.50	1.50
White Egg. Oval, handsome and sweet.	.10	.20	.50	1.50
White Strap Leaf Flat. A good early white flat sort.	.10	.20	.50	1.50
Yellow Globe. Good and sweet; keeps fairly well.	.10	.20	.50	1.50
Yellow Stone. Fine, hard-Winter sort.	.10	.20	.50	1.50
Yellow Aberdeen. A hardy and productive variety of excellent quality.	.10	.20	.50	1.50

RUTA-BAGA

Seed should be sown the end of June or July. Desirable for table use and feeding stock.

American Purple Top. A strain of Purple top yellow.	.10	.20	.50	1.50
Champion Purple Top. Very large.	.10	.20	.50	1.50
White-Fleshed. Large and productive.	.10	.25	.75	2.00

HERBS—SWEET AND MEDICINAL

	Pkt.	Oz.		Pkt.	Oz.
Anise. Seeds aromatic.....	\$0.10	\$0.30	Lavender. For oil and distilled water.....	\$0.10	\$0.45
Balm. For culinary purposes.....	.10	.40	Marigold, Pot. Single. For medicinal purposes.....	.10	.25
Basil, Sweet. Culinary herb used for flavoring soups, etc.....	.10	.30	Marjoram, Sweet. Used in seasoning.....	.10	.50
Borage. Leaves used as a salad.....	.10	.30	Mint. Peppermint.....	.25	
Caraway. Used in flavoring bread.....	.10	.30	Rosemary. Yields an aromatic oil.....	.10	.50
Catnip. Has medicinal qualities.....	.10	1.00	Sage, Broad Leaf. A culinary herb.....	.10	.50
Dill. Seeds used for flavoring.....	.10	.20	Savory, Summer. A culinary herb.....	.10	.50
Fennel, Sweet. Seeds aromatic; for flavoring.....	.10	.25	Savory, Winter.....	.10	.50
Fennel, Florence. In flavor resembling Celery.....	.10	.25	Tarragon.....	.10	.60
Hyssop. Has medicinal qualities.....	.10	.50	Thyme, Broad-leaved English. Used as a seasoning.....	.10	1.00
Horehound. Has medicinal qualities.....	.10	.50	Wormwood. Has medicinal qualities.....	.10	.50

PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

	Each	Doz.		Each	Doz.
Balm.....	\$0.25	\$2.50	Mint (Peppermint).....	\$0.25	\$2.50
Chives.....	.25	2.50	Rosemary.....	.25	2.50
Horehound.....	.25	2.50	Sage, Common.....	.25	2.50
Hyssop.....	.25	2.50	Savory, Winter.....	.25	2.50
Lavender, True.....	.25	2.50	Thyme, French.....	.25	2.50
Marjoram, Pot.....	.25	2.50	Tarragon.....	.35	3.50

VEGETABLE PLANTS AND ROOTS

Prices of Vegetable Plants are subject to change at time shipments are made.

Artichoke Plants, Globe, Selected Large Green. Ready April 1st. Doz. \$2.50, 100 \$20.00	Horse Radish Sets, New Bohemian. A new variety, which produces roots of enormous size and succeeds in every soil. Doz. 20c., 100 \$1.00.
Asparagus Roots. See page 5.	Kohl-Rabi (White Vienna). Doz. 30c., 100 \$2.00.
Cabbage Plants. For April and May delivery. Doz. 30c., 100 \$1.75. Delivery July and August. 100 \$1.00, 1000 \$7.00.	Lettuce. Ready in April and May. Boston Market, Pasis Cos. Doz. 30c., 100 \$1.75.
Cauliflower Plants. Snowball and Selected Erfurt. Pot-grown; ready April and May. Doz. 50c., 100 \$3.50.	Parsley (Double Curled). Doz. 30c., 100 \$1.75.
Celery (Golden Self-Blanching). White Plume, Winter Queen or Giant Pascal. Extra strong, transplanted plants. Delivery June and July. 100 \$1.25, 1000 \$10.00.	Peppers. Ready in May and June. (Bell or Bull Nose). Long Red Cayenne. Doz. 50c., 100 \$3.50.
Chicory Roots. Strong for forcing. Doz. \$1.00, 100 \$7.00.	Rhubarb Roots, Victoria. Strong roots. Each 25c., doz. \$2.50, 100 \$20.00.
Egg Plants. Ready in May and June. Grown in pots. Doz. \$1.00, 100 \$7.00.	Sweet Potato Plants. Ready in May and June. 100 75c., 1000 \$6.00.
	Tomato Plants. Ready in May and June. Acme, Dwarf Champion, Perfection, Ponderosa, Stone, etc. Doz. 40c., 100 \$3.00. Small Fruit Varieties. Doz. 60c. Pot-grown plants. Doz. 60c.

Vegetable Plants will be shipped by express in due time for planting at purchaser's risk only. We carry a supply at our store in their respective planting seasons.

BIRD SEEDS, ETC.

	Per lb.		Per lb.
CANARY. Best Sicily.....	\$0.12	MILLET, AMERICAN.....	.4 lbs. 50c. \$0.15
CANARY SEED, Mixed.....	.15	RAPE.....	.2 lbs. 25c. .15
FISH FOOD.....	Pkg. 10c.	SUNFLOWER SEED. For parrots.....	.2 lbs. 25c. .15
GRAVEL FOR CAGES.....	Qt. 12c.	CUTTLEFISH BONE.....	.60
HEMP.....	.5 lbs. 50c. .12	THISTLE SEED.....	.40
LETTUCE SEED.....	Oz. 5c. .30		

Prices of Bird Seed are subject to change of Market Values throughout the year.



FARM AND FIELD SEEDS

BARLEY

48 lbs. to the bushel, 2 bushels to the acre.

	Peck	Bush.
Spring Barley. A good standard sort.....	\$1.25	\$4.50
Beardless, Spring. This variety is free from beards.....	1.25	4.50

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre.

Pea or Navy Beans. Used when dry for cooking.....	Market price	
Soja Bean Bean, Mammoth Yellow. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. Sow broadcast $\frac{1}{2}$ bushel to acre, or plant in drills 3 ft. apart and 1 ft. between plants.....	\$1.50	\$5.50
Velvet Bean. Used as a forage plant, and as a fertilizing plant for turning under. Stock readily eat the vines and leaves. Plant in rows 4 feet apart and 1 foot in the row.....	1.75	6.00

BROOM CORN

	Lb.	100 lbs.
Evergreen. Succeeds in a good, deep soil; it is very sensitive to cold. Sow 10 lbs. to acre....	\$0.25	\$20.00

BUCKWHEAT

48 lbs. to the bushel. Sow 1 bushel to the acre.

	Peck	Bush.
Japanese. Earliest and most productive of the Buckwheats.....	\$1.25	\$4.00

FIELD CORN

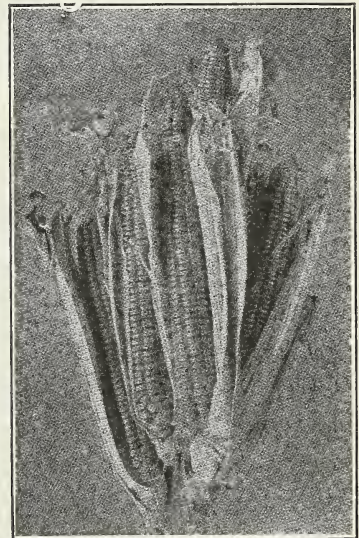
8 quarts will plant 1 acre in hills, 3 bushels will sow 1 acre broadcast.

FLINT VARIETIES

Early Yellow Canada. A very desirable variety. Ears rather small, 8-rowed and deep grained. The earliest Flint Corn, usually ripening in August and producing a large yield.....	Peck \$1.25	Bush. \$4.00
Golden Nugget. Very early, large ears, which average from 12 to 15 in. long.....	1.25	4.50
Longfellow. A very large-eared Flint variety, grown very extensively in this vicinity for its productive- ness. Ears 8-rowed, often 14 to 15 in. long, with small cob and deep kernels.....	1.25	4.00
Luce's Favorite. A hybrid between the Yellow Flint and Golden Dent. Ears large and abundant foliage Valuable for ensilage or as a shell corn.....	1.25	4.00
Sanford White Flint. Of spreading habit, long ears and very tall. Valuable for fodder.....	1.25	4.00

DENT VARIETIES

Early Leaming. This variety is similar to Improved Leaming but is fully two weeks earlier in maturity.	1.25	4.00
Improved Leaming. Large, handsome ears, deep- grained and of a deep orange color. An early- maturing variety distinctly Dent, and a great yielder.....	1.00	3.50



Longfellow Corn

FODDER AND ENSILAGE VARIETIES

Early Golden Surprise. This is a cross between the Eureka and a Dent. The cob is small, with very long grain, maturing very early and adapted for Northern climate. A very heavy yielder.....	Peck \$1.25	Bush. \$4.00
Eureka. One of the finest and most productive field Corns grown. The plants grow 12 to 15 ft. high. Valuable for ensilage or as a yellow Dent Corn.....	1.00	3.50
Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage.....	1.00	3.00
Sweet Fodder. Succulent and nutritious for feeding green.....	1.50	5.50

Prices on all Farm Seeds are subject to market fluctuations.

MILLET

	Per lb.	Bus.	100 lbs.
Golden. Very large crop, though not so early as Hungarian. Grows 3 to 5 ft. high. Requires good soil. Sow 1 bushel to the acre, 48 lbs. to the bushel.....	\$0.15	\$4.50	\$9.00
Hungarian. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Will yield two to three tons of hay per acre. Withstands heat and drouth well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel.....	.15	4.00	8.00
Japanese. Some times called Barnyard Millet. Grows very tall, 6 to 7 feet; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel.....	.20	4.00	11.00

OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel.

Storm King. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. We can safely say it is the greatest producer of any variety of Oats grown in this country. Bus. \$2.75.

White Tartar. A remarkably handsome and perfect white oat, extremely early, in fact, the earliest variety in cultivation. It is an enormous cropper. The straw is long, very strong, and holds up well. The heads are large and well filled. Pk. 50c., bus. \$2.50, 10 bus. or over, \$2.35 per bus.

Golden Rain Swedish White Oat. This variety has the highest record of any white oat on poor land. The grain though relatively small is broad, very full, extremely thin skinned, and of a light yellow color. The yield is remarkably good and it is very early. The straw is long and will stand up in the roughest weather. Imported seed. Bush. \$5.00.

Wasa White Swedish Oat. The highest record of any White Oat on good oat land. It yields a wonderfully heavy crop, the straw is of medium height, and very strong. The grain is short, plump, thin skinned and pearly white. Ripens medium early. Imported seed. Bus. \$5.00.



Field of Storm King Oats



Dwarf Essex Rape

PEAS

Canada Field. Valuable for cattle feeding. Also used for ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Pk. \$1.50, bus. \$5.00.

Cow Peas, Clay. This variety is of extra strong growth and specially adapted for sowing in Northern States. A first-class green fertilizer; does well on all sorts of soils and under adverse conditions. The feeding value, also, whether in a green or cured state, cannot be overestimated. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$6.00.

Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Bus. \$6.00.

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Can be planted alone or with other forage crops. Lb. 25c., 100 lbs. \$15.00.

**RYE**

For grain, 1 bushel to the acre; for forage or soiling, 1½ bushels, 56 lbs. to the bushel.

Spring. This is excellent for a catch-crop, as it may be sown somewhat later than other grains and produces an abundance of green feed in the Summer season.....	Pk. \$1.50	Bus. \$5.00
Giant Winter. This variety is fast gaining in popularity as a cover crop and produces an abundant crop of early green feed. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1.....	1.25	4.50

SORGHUM

Early Amber Sugar Cane. The earliest and most productive variety. Height, 10 to 12 ft. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 7 lbs. in drills, or 15 lbs. broadcast, to acre. \$0.15 \$12.00

Kaffir Corn (White). Excellent forage for horses and cattle, and excellent feed for poultry. Sow 4 to 5 lbs. per acre..... .15 12.00

SUDAN GRASS

A new forage crop of immense value. Sudan Grass is strictly an annual and dies each year like Millet and must be seeded again each Spring. Sudan Grass reaches a height of from 7 to 9 feet, yet the stems are small and tender. The plant stools wonderfully and produces under favorable conditions as many as 100 stalks from a single root. The seed should not be planted until the soil has become warm in the Spring and preferably on warm, light soil. Sow in drills 2 to 3 lbs. per acre; broadcasted, 16 to 24 lbs. per acre. Cut just after bloom, so ample time may be had for second growth. Lb. 20c., 100 lbs. \$10.00

SUNFLOWER

Mammoth Russian. Very productive, large heads with large seeds. Valuable for poultry, 5 lbs. will plant 1 acre. Lb. 25c., 25 lbs. \$4.00. 100 lbs. \$15.00.



Winter Vetch

VETCHES, OR TARES

Spring Vetches (*Vicia sativa*). Closely associated with Peas in character. Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 15c., 100 lbs. \$12.00.

Winter Vetches (*Vicia villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for Fall sowing with Rye, as in many localities in the North it is hardy, remaining green all Winter. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 25c., 100 lbs. \$20.00.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow 1½ bushels to the acre.

Marquis Spring. A very early beardless Wheat that succeeds well in the East, producing larger yields than any other kind. Sow as early as possible about 2½ bushels per acre. Bus. \$4.00.

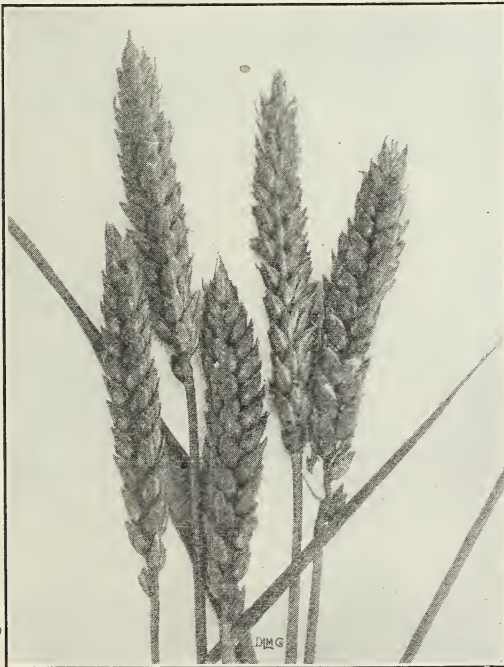
Golden Wave. A grand large red grain, bearded variety..... Market price

Red Wave. Has long, well-filled heads and large, heavy red grain.

The heads are beardless and straw

long and yellow..... Market price

Prices on all Farm Seeds are subject to market fluctuations.



Red Wave Wheat

GRASS SEEDS

For Pasture, Mowing and Lawn

Prices subject to market changes.

	Weight per bush.	Lb.	Bushel	100 lbs.
Canadian Blue Grass (<i>Poa compressa</i>). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.	14 lbs.	\$0.55	\$7.00	\$50.00
Creeping Bent Grass (<i>Agrostis stolonifera</i>). Desirable for mixing with other lawn or pasture grasses.	15 lbs.	2.00	27.00	175.00
Crested Dogtail (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color.	20 lbs.	1.00	18.00	80.00
English Rye Grass (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre.	24 lbs.	.25	4.25	17.00
English Rye Grass (<i>Pacey's</i>). A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns.	24 lbs.	.25	5.00	20.00
Fine Leaved Fescue (<i>Festuca ovina tenuifolia</i>). Suitable for lawns and putting greens.	16 lbs.	1.50	23.00	.....
Hard Fescue (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils.	14 lbs.	.70	8.50	60.00
Italian Rye Grass (<i>Lolium italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.	22 lbs.	.20	4.00	17.00
Kentucky Blue Grass (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod.	14 lbs.	.80	10.00	70.00
Meadow Fescue, or English Blue Grass (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses.	15 lbs.	.50	7.50	40.00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the best grasses for permanent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil.	10 lbs.	1.25	12.00	.....
New Zealand Fescue (<i>Festuca rubra</i>). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.	14 lbs.	1.25	17.00	.....
Orchard Grass . A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.	14 lbs.	.40	5.00	35.00
Red Top (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands, and those that are not rich enough for Timothy or Clover; it does not thrive on sandy or leachy soils, but will adapt itself to a wider range of soils than any other grass. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses.	30 lbs.	.45	12.00	40.00
Red Top, Fancy Cleaned . Use 14 to 16 lbs. to acre.	14 lbs.	.30	3.25	22.00
Red Top, Unhulled . Use from 40 to 50 lbs. to the acre.	14 lbs.	Market price		
Rhode Island Bent (<i>Agrostis canina</i>). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used for pastures and lawns. Soil and treatment same as for Red Top.	14 lbs.	Market price		
Sheep Fescue (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture for lawns or dry soil.	14 lbs.	.70	8.50	60.00
Tall Fescue (<i>Festuca elatior</i>). Used for pastures.	22 lbs.	1.00	20.00	85.00
Tall Meadow Oat Grass (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.	10 lbs.	.70	6.00	55.00
Timothy, or Herb Grass (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay, and crops are subject to soil and climate. The most profitable crops are obtained the first and second seasons. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.	45 lbs.	.20	6.50	14.00
Wood Meadow Grass (<i>Poa memorialis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold.	14 lbs.	1.75	21.00	.....

GRASS FOR HAY CROPS AND PASTURES



MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 lbs. of Mixed Clover Seed per acre.

We recommend sowing 50 lbs. to the acre.

PERMANENT PASTURE MIXTURE NO. 1. For cool and moist soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 2. For dry soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 3. For wet soils. Bus. (15 lbs.)

PERMANENT HAY MIXTURE NO. 4. For good, cool and moist soils. Bus. (15 lbs.)

PERMANENT HAY MIXTURE NO. 5. For high, dry soils. Bus. (15 lbs.)

Prices of any of the above Mixtures, 10 lbs. \$4.00, 50 lbs. \$17.50, 100 lbs. \$35.00.

CLOVERS

Prices subject to market changes.

	Quantity for acre	Per lb.	Per bushel	Per 100 lbs.
Alfalfa, or Lucerne (<i>Medicago sativa</i>). One of the most valuable forage plants.....	20 lbs.	\$0.45	\$21.00	\$35.00
Alfalfa, Grimm. Much harder than other variety.....	20 lbs.	1.25	54.00	90.00
Alsike (<i>Trifolium hybridum</i>). The hardiest of all Clovers, can be cut several times in one season. Grows well on low, wet land.....	10 lbs.	.45	21.00	35.00
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). An annual variety producing large crops of green foliage.....	20 lbs.	.25	11.00	18.00
Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover.	10 lbs.	.50	24.00	40.00
Medium Red (<i>Trifolium pratense</i>). This is the common Red Clover so largely grown throughout the country.....	15 lbs.	.45	21.50	35.00
Sweet Clover, Bokhara (<i>Melilotus alba</i>). Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed.....	15 lbs.	.40	21.50	35.00
White Clover (<i>Trifolium repens</i>). The best variety for lawns; valuable in permanent pastures.....	10 lbs.	1.00	50.00	80.00
Mixed Clover	10 lbs.	.55	27.00	45.00

MARSHALL'S LAWN GRASS SEEDS



MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

Marshall's Special Lawn Grass Seed produces a perfect and enduring lawn of luxuriant richness with closely interwoven, firm and elastic turf, and it is usually ready for cutting in six weeks from time of sowing. This Lawn Grass is composed of a combination of various fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained without burning brown in Summer.

This mixture contains highest grade re-cleaned seeds of Red Top, Kentucky Blue, Sheep's Fescue, Pacey's Rye, Fine-leaved Fescue and White Clover blended in suitable quantities.

Price: Lb. 60c., 5 lbs. \$2.75, 20 lbs. \$10.00, 100 lbs. \$50.00.

MARSHALL'S "CENTRAL PARK" LAWN GRASS

Marshall's Central Park Lawn Grass will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardness, which, when once established, need no reseeded for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned and free as it is possible to make it from foreign matter.

1 lb. will sow 20x20 feet (400 square feet); 5 lbs., 50x50 feet (2500 square feet); 20 lbs. 100x100 feet (10,000 square feet); 100 lbs., one acre.

Price: Lb. 50c., 5 lbs. \$2.00, 20 lbs. \$7.00, 100 lbs. \$35.00.

MARSHALL'S "SHADY PLACE" LAWN GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Lb. 60c., 5 lbs. \$2.75, bu. 20 lbs., \$10.00, 100 lbs. \$50.00.

SPECIAL LAWN GRASS MIXTURE FOR SEASIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Lb. 50c., 5 lbs. \$2.00, 20 lbs. \$7.00.

MARSHALL'S LAWN RESTORING GRASS SEED

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out, or burned spots. The best time to resow them is very early in Spring, but seed may also be sown from September to October.

Price: Lb. 50c., 5 lbs. \$2.00, bu. 20 lbs., \$7.00.

MARSHALL'S TERRACE MIXTURE LAWN GRASS

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rain from washing them out; that will withstand drouth and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Lb. 60c., 5 lbs. \$2.50, bu. 20 lbs. \$8.00.



PERMANENT GRASS MIXTURES FOR GOLF LINKS

MARSHALL'S PUTTING GREEN, or TENNIS COURT MIXTURE

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Per lb. 70c., 5 lbs. \$3.00, 25 lbs. \$12.50, 100 lbs. \$50.00.

MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair Green use. They are all of dwarf spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 100 lbs. per acre.

Price: 20 lbs. \$8.00, 100 lbs. \$40.00.



GENERAL LIST OF Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANY POST OFFICE IN THE UNITED STATES.

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter, and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A.	designates	Hardy Annuals—Lasting but one year.	H.H.P.	designates	Half-Hardy Perennials—Require protection during Winter.
H.H.A.	"	Half-Hardy Annuals—Lasting but one year.	H.C.	"	Hardy Climber—Lasting three or more years.
H.B.	"	Hardy Biennials—Lasting but two years.	G.S.	"	Greenhouse Shrub.
H.H.B.	"	Half-Hardy Biennials—Require protection during Winter.	H.A.C.	"	Hardy Annual Climber.
H.P.	"	Hardy Perennials—Lasting three or more years.			

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
ABOBRA viridiflora.	A rapid-growing, climbing plant, scarlet fruit.	10	H.A.C.	. . . .	\$0.10
ABRONIA umbellata.	Trailing annual, pink flower trusses. ¼ oz. 25 cts.	¾	H.A.	\$0.75	.10
ABUTILON.	New Hybrids. Mixed, large bell-shaped flowers.		G.S.	. . . .	.25
ACACIA.	Finest mixed, elegant Winter and Spring flowering plants.		G.S.	1.00	.15
ACHILLEA Ptarmica, "The Pearl."	Double white flowers. ¼ oz. \$1.00.	1½	H.P.	. . . .	.25
ACONITUM Napellus.	Large, dark blue flowers in August.	3	H.P.	1.50	.15
Wilsonii.	Light blue flowers in large trusses.	4	H.P.	. . . .	.25
ACROCLINIUM.	Pretty everlasting flowers; fine for Winter bouquets.				
album.	Pure white; double flowers. ¼ oz. 25 cts.	1	H.H.A.	.75	.10
roseum.	Bright rose; double flowers. ¼ oz. 30 cts.	1	. . . .	.75	.10
Finest Mixed Colors.	¼ oz. 20 cts.	1	. . . .	.60	.10
ADLUMIA. cirrhosa (Mountain Fringe).	Pink flowers.	10	H.B.	. . . .	.25
ADONIS autumnalis.	Flowers crimson with dark center.	1	H.A.	.75	.15
vernalis.	Large, yellow; flowers in early Spring. ¼ oz. 50 cts.	1½	H.P.	. . . .	.15
AGERATUM.	Blooms throughout the Summer; feathery flowers in clusters.				
mexicanum.	Fine for bedding or pot culture. Blue.	1½	H.A.	.50	.10
mexicanum album.	A beautiful white variety.	1½	. . . .	.50	.10
Imperial Dwarf Blue.	Extra neat; fine for edging. ¼ oz. 50 cts.	¾	. . . .	1.50	.15
Imperial Dwarf White.	Pretty for contrast; fine for edgings. ¼ oz. 50 cts.	¾	. . . .	1.50	.15
Blue Perfection.	Very fine dwarf. ¼ oz. 50 cts.	¾	. . . .	1.25	.15
Little Blue Star.	Light blue; fine for carpet bedding. ½ oz. \$1.50.	½	. . . .	.25	.25
Princess Victoria Louise.	Dwarf, light blue, white center. ¼ oz. 75 cts.	¾	. . . .	1.50	.25
Swanley Blue.	A fine, large-flowered sort. ¼ oz. 50 cts.	1	. . . .	1.25	.15
AGROSTEMMA Coeli-rosa (Rose of Heaven).	Bright rose; excellent for cutting. ¼ oz. 25 cts.	1½	H.A.	.75	.10
Coeli-alba.	White. ¼ oz. 35 cts.		. . . .	1.00	.10
coronaria (Rose Campion).	Crimson flowers, silver foliage.	2	H.P.	.75	.10

NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
ALSTROEMERIA HYBRIDS, Mixed. Lily-like perennials with clusters of flowers on long stems in yellow and orange-red shades.					
ALYSSUM. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.		3	H.P.	....	\$0.25
maritimum (Sweet Alyssum). Fragrant, white; flowers all Summer.	1/2	H.A.	\$0.50	.05	
maritimum compactum, Little Gem. Grows erect; fine for edging.	1/2	.....	1.00	.10	
Benthamii compactum. Lilac Queen. Pure lilac flowers, dwarf and compact growth. 1/4 oz. 35 cts.	1/2	.....	1.00	.10	
Benthamii compactum lutescens. Yellowish flowers on strictly upright flower spikes. 1/4 oz. 40 cts.	1/2	.....	1.25	.10	
procumbens. Carpet of Snow. Dwarf; pure white. 1/4 oz. 50 cts.	1/4	.....	1.25	.10	
saxatile compacta. Spring-blooming Alyssum with yellow flowers.	1	H.P.	1.25	.10	
AMARANTHUS. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.					
caudatus (Love Lies Bleeding). Long drooping crimson spikes.	3	H.H.A.	.50	.10	
salicifolius (Fountain Plant). Distinct variety, with graceful drooping leaves. 1/4 oz. 35 cts.	2 1/2	.....	1.00	.10	
tricolor (Joseph's Coat). Leaves red, yellow and green. 1/4 oz. 35 cts.	2	.....	1.00	.10	
AMPELOPSIS Veitchii (Japanese Woodbine, or Boston Ivy).	10	H.C.	.75	.15	
ANAGALLIS grandiflora (Pimpernelle). Showy garden plant. 1/4 oz. 35 cts.	6	H.H.A.	1.00	.10	
ANCHUSA capensis. Flowers resembling large Forget-Me-Nots.	1 1/2	H.A.	.75	.10	
grandiflora (Dropmore Variety). Large flowered, dark blue.	5	H.P.	2.00	.15	
ANEMONE. A very pleasing perennial, producing large flowers.					
coronaria, St. Brigid (Poppy Anemone). Mixed colors. 1/8 oz. 50 cts.	1	H.P.	....	.10	
ANTHEMIS montana. Very pretty small flower, like a white Chrysanthemum. 1/4 oz. 50 cts.	1/2	H.P.	1.50	.15	
ANTIRRHINUM. The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August.					
Large Flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.		H.H.B.	....	....
Dwarf Black Prince. Dark leaved, blackish crimson purple. 1/8 oz. 50 cts.	1 1/2	H.H.B.	2.00	.15	
Dwarf Defiance. Fiery scarlet. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Golden Queen, grandiflora. Pure yellow. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Queen of the North. White. 1/8 oz. 50 cts.			2.00	.15	
Dwarf roseum superbum. Rosy-pink. 1/8 oz. 75 cts.			4.50	.15	
Dwarf The Bride. White, changing to delicate rose. 1/8 oz. 50 cts.			2.00	.15	
Dwarf Fine Mixed. All colors. 1/8 oz. 40 cts.			1.50	.15	
Collection of six above varieties. ....			....	.75	
Marshall's Giant Flowering Varieties. These grow about 3 feet high and are all of the large flowering types.					
Matchless White. A selected strain for growing under glass.	3		....	.25	
Matchless Yellow. A fine strain for greenhouses.	3		....	.25	
Bonfire. Bright cinnabar red, yellow blotch. 1/4 oz. \$1.00.	3		3.00	.10	
Coral Red. Rich, with red throat. 1/4 oz. 75 cts.	3	H.H.B.	2.00	.10	
Defiance. Fiery scarlet. 1/4 oz. \$1.00.			3.00	.10	
Firefly. Scarlet and white. 1/4 oz. 35 cts.			1.25	.10	
Keystone. Fine forcing pink.	3		....	.25	
Nelrose. Rich coral pink. A splendid forcer.	3		....	.25	
Orange Scarlet. A beautiful color. 1/8 oz. 60 cts.			3.00	.15	
Queen Victoria. Large, white. 1/4 oz. 35 cts.			1.25	.10	
roseum. Rose. 1/4 oz. 35 cts.			1.25	.10	
Ruby. Pure ruby red. 1/4 oz. 50 cts.			1.50	.10	
Salmon Pink. Very large flowering. 1/4 oz. 75 cts.			2.00	.15	
Silver Pink. A large flowering variety. Ramsburg's strain. ....			....	.50	
Striped. Odd and pretty. 1/4 oz. 45 cts.			1.25	.10	
Venus. Delicate rose on white ground. 1/8 oz. 50 cts.			3.00	.15	
Giant Yellow. 1/4 oz. 60 cts.			1.50	.10	
Giant Large-flowered Mixed. Fine variety of colors. 1/4 oz. 35 cts.			1.00	.10	
Collection of six distinct varieties. ....			....	.50	
Collection of twelve distinct varieties. ....			....	1.00	
AQUILEGIA, or COLUMBINE. A most desirable border plant.					
Marshall's Matchless Long Spurred Hybrids. A grand variety of colors of the long spurred and large flowered forms. 1-16 oz. \$1.00.	3		....	.25	
caerulea hybrida. Large flowered blue hybrids. 1/8 oz. 35 cts.	3		2.50	.15	
chrysantha. Long-spurred, golden yellow. 1/8 oz. 50 cts.	2		3.00	.15	
chrysantha grandiflora alba. Large pure white. 1/8 oz. \$1.00.	2		....	.25	
glandulosa vera. Dark blue, with white. 1-16 oz. \$1.00.	1		....	.15	
Skinneri. A beautiful scarlet, tipped green. 1/8 oz. 60 cts.	2	H.P.	3.00	.15	



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
AQUILEGIA—Continued					
Collection of five choice varieties			H.P.	.....	\$0.60
Single. Mixed Colors. $\frac{1}{4}$ oz. 35 cts.		2		\$1.00	.10
Double-flowering. Mixed Colors. $\frac{1}{4}$ oz. 50 cts.		2		1.25	.15
Special Mixture. Double and Single Hybrids. This mixture includes many long-spurred Hybrids in all colors.					
ARABIS alpina. Excellent for borders or rockwork. Pure white.		$\frac{1}{2}$	H.P.	1.00	.10
<i>grandiflora rosea.</i> A beautiful pink variety		$\frac{1}{2}$			.25
ARCTOTIS grandis. Daisy-like flowers; white shaded yellow.		2	H.A.	1.00	.10
ARMERIA, Giant Thrift. A pretty edging plant with deep pink flowers.		1	H.P.	....	.10
ASPARAGUS plumosus nanus. Graceful and feathery bright green foliage.					
100 seeds, \$1.00		8	G.P.	....	.25
Sprengeri. A handsome variety of rapid growth for hanging baskets.		100			
seeds, 50 cts.		3	G.P.	....	.25
ASPERULA odorata (Woodruff). The white flowers and foliage are perfumed.		1	H.P.	....	.15
ASTERS. Plants from seeds sown in the open ground in May bloom finely in September and October when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots or boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well-prepared beds.					
CHINA, or Quilled. A splendid mixture of colors		1	H.A.	1.00	.05
CHRYSANTHEMUM FLOWERED. Dwarf. A splendid variety of compact habit.					
Separate Colors: Brilliant Rose, Apple Blossom, Dark Blue, Fiery Scarlet, Light Blue, White. $\frac{1}{4}$ oz. \$1.25; each		1		4.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz. \$1.00		1		3.50	.10
CREGO'S GIANT. Very early; on style of Queen of the Market, but with fluffy, graceful, large flowers.					
Separate Colors: Crimson, Pink, Lavender, Purple, Rose, White.		2			
$\frac{1}{4}$ oz. \$1.25 each				4.00	.15
Finest Mixed. All colors. $\frac{1}{4}$ oz. 75 cts.				3.50	.10
GIANT BRANCHING COMET. A Giant Comet type of Branching Asters.					
All large, full flowers		2			
Separate Colors: Crimson, Lavender, Light Pink, Royal Purple, Rose and White. $\frac{1}{4}$ oz. \$1.00 each				3.00	.10
Finest Mixed Colors. $\frac{1}{4}$ oz. 75 cts.				2.50	.10
IMPROVED GIANT BRANCHING. The flowers are large and fine for cutting.					
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Shell-Pink, White. $\frac{1}{4}$ oz. 75 cts., each		2	H.A.		
Finest Mixed. All colors. $\frac{1}{4}$ oz. 75 cts.				3.50	.10
Collection of six varieties				2.50	.10
Collection of six varieties					.50
MARSHALL'S KING. Upright growth; large flowers with long and narrow petals.					
Separate Colors: Crimson, Lavender, Pink, Rose, Violet, White.		2			
$\frac{1}{4}$ oz. \$1.25 each				4.00	.15
Finest Mixed King Varieties. $\frac{1}{4}$ oz. \$1.00		2		3.50	.10
OSTRICH PLUME. Splendid class fine for cutting.					
Separate Colors: Light Blue, Crimson, Rose and White. $\frac{1}{4}$ oz. \$1.25				3.00	.10
Finest Mixed Colors. $\frac{1}{4}$ oz. \$1.00				3.50	.10
QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks before most other sorts.					
Separate Colors: Crimson, Dark Blue, Light Blue, Rose, Pink and White. $\frac{1}{4}$ oz. 75 cts. each		1 1/2		3.00	.15
Choice Mixed. All colors. $\frac{1}{4}$ oz. 60 cts.				2.25	.10
SINGLE JAPANESE. Of branching habit, and very free flowering.					
Separate Colors: Delicate Rose, White. $\frac{1}{4}$ oz. \$1.25 each		2		4.00	.15
TRIUMPH COMET. A magnificent class of mid-season Asters. Extra long stems, full double flowers of the finest type.					
Separate Colors: Lavender, Purple, Rose, Shell Pink and White. $\frac{1}{4}$ oz. \$1.25 each		2		4.00	.15
Finest Mixed Colors. $\frac{1}{4}$ oz. \$1.00				3.50	.10
VARIOUS ASTERS.					
Daybreak. A delicate pink Aster. The flowers are very double and globe-shaped. $\frac{1}{4}$ oz. \$1.25		2		4.00	.15
Enchantress Pink. Very large flowers, delicate pink. $\frac{1}{4}$ oz. \$1.25		2		4.00	.15
Purity. Of the same type as Daybreak, differing only in color, which is a pure white. $\frac{1}{4}$ oz. \$1.25				4.00	.15
Single Comet Mixed. Fine for border or bedding. $\frac{1}{4}$ oz. 75 cts.		2		2.00	.10
Yellow Fancy. Canary yellow flowers as large as the Giant Comet. Fine for cutting. $\frac{1}{4}$ oz. \$1.25		2		4.00	.15

NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
ASTER. Michaelmas Daisy. Large flowering, hardy mixed, Fall flowering varieties. $\frac{1}{4}$ oz. \$1.00.....	2½	H.P.	....	\$0.15
AUBRIETIA. Suitable for rockwork and herbaceous borders.				
graeca. Purple; trailing.....	1	H.P.	....	.25
Leichtlinii. Carmine; trailing.....				.25
hybrida grandiflora. Finest mixed colors.....				.25
AURICULA, Finest Mixed. The flowers resemble the Primrose.....	½	H.H.P.	....	.25
BACHELOR'S BUTTONS. (See <i>Centaurea cyanus</i>).				
BALLOON VINE. White flowers, followed by balloon-like seed pods.....	15	H.H.C.	\$0.30	.10
BALSAM (Lady's Slipper). Showy and easily grown tender annuals, succeeding best in sunny situations where there is rich loam.....	1½	H.A.	....	....
Double Separate Colors: White, Lavender, Blood Red, Deep Rose,				
Striped. Each, $\frac{1}{4}$ oz. 50 cts.....			1.25	.15
Mixed Colors. Extra choice; double.....			.75	.10
Collection Camellia-Flowered. Six separate colors.....				.75
BARTONIA aurea. Showy garden annual, with large single yellow flowers....	1	H.A.	.75	.15
BEGONIA, Bedding Varieties. The following are of the <i>Semperflorens</i> type.				
Fine for bedding in full sun or shaded situations.....		H.H.A.	....	....
Dwarf Vernon. Scarlet flowers, dwarf habit.....	½			.25
Erfordii. The best carmine bedding variety. 1-32 oz. \$2.00.....	½	H.H.P.	....	.25
gracilis rosea. Free flowering, delicate rose.....	¾			.25
gracilis luminosa. Flowers fiery deep scarlet.....				.25
gracilis Mignon. Scarlet flowers, foliage deep green, with red spots and border.....	½			.25
gracilis "White Pearl." Pure white flowers, $\frac{1}{2}$ in. in diameter, with light green foliage.....	¾			.25
Salmon Queen. Bright salmon flowers.....				.25
Vernon. Bronze foliage with scarlet flowers. 1-16 oz. \$1.00.....				.25
BEGONIA, Tuberous-Rooted. Produce magnificent flowers; grown either in pots or for bedding.				
Marshall's Giant Single, Mixed. Large flowering.....	1	G.P.	....	.50
Marshall's Giant Double, Mixed. Large flowering.....	1			.50
Rex Varieties. Choice ornamental-leaved varieties.....	1			.50
BELLIS perennis fl. pl. (Double English Daisy). Popular Spring-flowering perennial often used with Pansies and Forget-Me-Nots.....	½	H.P.	....	....
Longfellow. Dark rose. $\frac{1}{8}$ oz. \$1.00.....			5.00	.25
Snowball. Pure white. $\frac{1}{8}$ oz. \$1.00.....			5.00	.25
Giant Red. Good dark red. Very rare. 1-16 oz. \$1.00.....				.25
Giant Mixed. $\frac{1}{8}$ oz. \$1.00.....			5.00	.15
BOCCONIA japonica. Large glaucous, decorative leaves. $\frac{1}{4}$ oz. 25 cts.....	4	H.P.	.75	.10
BOLTONIA latissuama. Pink flowers, tinged with lavender.....	5	H.P.	....	.25
BRACHYCOME iberidifolia. Pretty blue flowers. $\frac{1}{4}$ oz. 40 cts.....	1½	H.H.A.	1.25	.15
iberidifolia, Mixed (Swan River Daisy). For edging. $\frac{1}{4}$ oz. 40 cts.....	1	H.H.A.	1.25	.15
BROWALLIA elata cærulea. Bright blue, fine for cutting.....	1½	H.A.	....	.15
Roezlii. Free-flowering, bluish-white.....	2	H.H.A.	....	.15
speciosa major. Flowers 1½ to 2 inches across; blue, white throat.....				.25
CACALIA coccinea (Tassel Flower). Scarlet flowers. $\frac{1}{4}$ oz. 25 cts.....	2	H.A.	.75	.10
CALCEOLARIA hybrida grandiflora. Highly prized plants for conservatory and house decoration.....	2	G.P.	....	....
Marshall's Matchless Strain. Of the richest and most delicate colors, in the most marvelous variety of shades and marking, self-spotted and blotched....	1			1.00
Large Flowering "Dalkeith Park Strain." Finest varieties.....	1			.50
rugosa Mixed. The well-known bedding varieties.....	1			.50
CALENDULA (Cape Marigold). Free and continuous flowering garden plants..	1	H.A.	....	....
Meteor. Double yellow-striped orange.....			.40	.10
Marshall's Orange King, grandiflora. Dark orange red. $\frac{1}{4}$ oz. 25 cts.....			.60	.10
Prince of Orange. Orange, with dark eye. $\frac{1}{4}$ oz. 25 cts.....			.60	.10
Sulphur Crown. Very large double sulphur yellow.....			.50	.10
Finest Mixed. All varieties.....			.40	.10
CALLIOPSIS. Nothing is more effective than a large bed of these golden flowers; exceedingly free flowering.				
atrosanguinea. Rich dark red. $\frac{1}{4}$ oz. 25 cts.....	1½	H.A.	.75	.10
compacta. Fire King. Deep bright scarlet. $\frac{1}{4}$ oz. 75 cts.....	1½			.15
Golden Wave (Drummondii). Pure yellow flowers, very large and showy....	1	H.A.	.75	.10
marmorata. Maroon and gold.....	1½		.75	.10
tinctoria. Large bright yellow and maroon flowers.....	2		.75	.10
Dwarf, Finest Mixed. All shades of yellow, red and brown.....	1		.60	.10
Tall Mixed. A grand variety for cutting.....	2		.40	.10



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
CALLIRHOE involucrata (Poppy Mallow). Beautiful trailing plant, with palmate foliage; flowers large, crimson, with white center. $\frac{1}{4}$ oz. 75 cts.					
		1	H.P.	\$2.00	\$0.15
CAMPANULAS. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.					
carpatica. Deep blue; for rockeries, beds and edgings. $\frac{1}{4}$ oz. 50 cts.		$\frac{1}{2}$	H.P.	1.50	.10
carpatica alba. Flowers white. $\frac{1}{4}$ oz. 50 cts.				1.50	.10
fragilis. Light blue flowers. Habit trailing, valuable for pots and hanging baskets.		$\frac{1}{2}$	H.H.P.		.25
grandiflora Mariesii. A fine dwarf dark blue variety.		1			.10
pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. $\frac{1}{4}$ oz. 75 cts.		4	H.P.	2.50	.10
pyramidalis alba. Pure white. $\frac{1}{4}$ oz. 75 cts.		4		2.50	.10
persicifolia grandiflora, Blue. Superb large flowers. $\frac{1}{8}$ oz. \$1.00.		2	H.P.		.25
persicifolia grandiflora alba. A white-flowered variety. $\frac{1}{8}$ oz. \$1.00.		2			.25
persicifolia grandiflora, Fine Mixed. Very showy. $\frac{1}{8}$ oz. \$1.00.		2			.25
CANTERBURY BELLS. Well known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders.					
		2	H.B.		
Medium Blue, Rose, Striped and White, separate. $\frac{1}{4}$ oz. 30 cts.				1.00	.15
Medium Mixed. All colors. $\frac{1}{4}$ oz. 35 cts.				1.00	.10
Medium Double Blue. Rich, heavy, curious flowers. $\frac{1}{4}$ oz. \$1.00.		2			.15
Medium Double White. Of waxen appearance. $\frac{1}{4}$ oz. \$1.00. . . . .					.15
Medium Double Rose. $\frac{1}{4}$ oz. \$1.00. . . . .					.15
Medium Double Mixed. $\frac{1}{4}$ oz. 75 cts. . . . .					.15
Medium Calycanthema, "Cup and Saucer." A race of Canterbury Bells having large, semi-double flowers resembling a cup and saucer.					
"Cup and Saucer." Blue. $\frac{1}{4}$ oz. \$1.00.		2	H.B.	3.50	.15
"Cup and Saucer." Rose. $\frac{1}{4}$ oz. \$1.00.				3.50	.15
"Cup and Saucer." White. $\frac{1}{4}$ oz. \$1.00.				3.50	.15
"Cup and Saucer." Finest Mixed. $\frac{1}{4}$ oz. \$1.00.				3.00	.15
CANARY BIRD VINE. Pretty climber, with yellow, butterfly-like flowers.					
		10	H.A.C.	.40	.10
CANDYTUFT. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut flowers.					
			H.A.		
Coronaria Empress. A large-flowered variety of purest white, grown extensively for cut flowers. $\frac{1}{4}$ oz. 25 cts.					
		1		.75	.10
Coronaria Little Prince. Very large heads of pure white flowers.		$\frac{1}{2}$		1.00	.10
Coronaria Giant Hyacinth-Flowered. White.		1		.60	.10
Marshall's White Perfection. A grand white variety. $\frac{1}{4}$ oz. 50 cts.		1		1.50	.10
Queen of Italy. Dwarf, rosy white. $\frac{1}{4}$ oz. 35 cts.		$\frac{1}{2}$		1.00	.10
Rose Cardinal. Bright rosy cardinal, a rich and striking color. $\frac{1}{4}$ oz. 50 cts.		1		1.50	.10
The Pearl. A very fine pure white; of branching habit.		1		1.00	.10
umbellata Dunnetti. Dark crimson.		1	H.A.	.50	.10
umbellata lilacina. Lilac-purple.		1		.50	.10
Umbellata Dwarf Hybrids. Mixed colors; neat and pretty.		$\frac{1}{2}$		1.00	.15
Mixed Annual Sorts.		1		.30	.05
sempervirens. White flowers. $\frac{1}{4}$ oz. \$1.00.		1	H.P.	3.50	.15
gibraltarica. Beautiful bluish-white. $\frac{1}{4}$ oz. \$1.00.		1	H.P.	3.00	.15
CANNA, Mixed. Dark-leaved variety.					
		3	G.P.	.50	.10
Crozy's Large Flowering. Dwarf, mixed varieties.		2		.50	.10
CARDINAL CLIMBER (See <i>Ipomœa Cardinalis</i>). $\frac{1}{8}$ oz. 75 cts.					
		30	H.A.C.		.15
CARNATION. Sown under glass in early Spring, or later in the open ground, the plants will flower second Summer.					
Marguerite (<i>Dianthus caryophyllus</i> fl. pl.). The perpetual-flowering Carnations produce a large proportion of double flowers in six months from sowing.					
Marshall's Giant, Double Scarlet. $\frac{1}{8}$ oz. \$1.00.		$1\frac{1}{2}$	H.H.P.		.15
Marshall's Giant, Double White. Large, perfect flowers. $\frac{1}{8}$ oz. \$1.00.		$1\frac{1}{2}$			.15
Marshall's Giant, Double Yellow. A clear soft shade. $\frac{1}{8}$ oz. \$1.00.		$1\frac{1}{2}$			.15
Marguerite, Double Tall Mixed. All colors. $\frac{1}{4}$ oz. 75 cts.		$1\frac{1}{2}$		2.50	.15
Marguerite, Giant Double Mixed. Extra large and perfect flowering, in a rich variety of colors. $\frac{1}{4}$ oz. \$1.25.		$1\frac{1}{2}$		3.50	.25
Grenadine Double Scarlet. Very early flowering. $\frac{1}{4}$ oz. \$1.00.		2			.15
Finest Double Mixed. Saved from extra fine flowers. $\frac{1}{4}$ oz. \$1.00.		2			.10
Chabaud's Everblooming. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed.		$1\frac{1}{2}$			.25
Early Dwarf Vienna. Double mixed. $\frac{1}{4}$ oz. 75 cts.		1		2.50	.15
CASTOR BEANS. (See <i>Ricinus</i>).					
CELOSIA cristata, or Cockscumb. Popular annual of easy culture, producing Cockscumb-like heads.					
			H.H.A.		
Childsii. Chinese Wool Flower. Flowers similar to balls of wool and a deep crimson-scarlet color. $\frac{1}{8}$ oz. \$1.00.		2			.15



NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

CELOSIA—Continued

Empress. Crimson combs; dark foliage. $\frac{1}{4}$ oz. \$1.25.....	$\frac{3}{4}$	H.H.A.	....	\$0.15
Glasgow Prize. Large, deep crimson. $\frac{1}{8}$ oz. \$1.00.....	1	.....	.....	.15
Queen of the Dwarfs. Very dwarf form, deep crimson. $\frac{1}{8}$ oz. \$1.00.....	$\frac{1}{2}$	.....	.....	.15
Dwarf. Mixed colors. Extra fine strain. $\frac{1}{4}$ oz. \$1.00.....	.....	.....	.....	.10

CELOSIA plumosa, or OSTRICH PLUME. Producing large, graceful plumes.

Makes fine plants for large beds or groups and the plumes or flowers can be cut and dried for Winter bouquets.

pyramidalis magnifica aurea. Golden-yellow plumes. $\frac{1}{4}$ oz. 75 cts.	3	H.H.A.	.....	.....
pyramidalis magnifica kermesina. Crimson plumes. $\frac{1}{4}$ oz. 75 cts.	3	.....	2.00	.15
pyramidalis magnifica coccinea. Scarlet plumes. $\frac{1}{4}$ oz. 75 cts.	3	.....	2.00	.15
pyramidalis magnifica purpurea. Dark crimson. $\frac{1}{4}$ oz. 75 cts.	3	.....	2.00	.15
pyramidalis Thompson's Superb (Triomphe de l'Exposition). Of pyramidal growth and producing graceful, feathery plumes; dwarf habit, dark crimson. $\frac{1}{4}$ oz. 50 cts.	3	.....	1.50	.15
pyramidalis plumosa, Mixed. Feathered varieties in all colors.	3	.....	1.25	.10
Pride of Castle Gould. All shades in choicest mixture; branching habit.	4	.....	.....	.25
spicata. Rose, changing to silvery white. Fine for pots or cutting.	375	.15

CELSIA Arcturus. Long spikes of bright yellow flowers.	3	G.P.25
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CENTAUREA. Beautiful silvery foliaged bedding plants; used for bordering.

candidissima. Round, compact plants, white leaves, broadly cut. $\frac{1}{8}$ oz. 75 cts.	1	H.H.P.	....	.15
gymnocarpa. Fine cut silvery foliage. $\frac{1}{4}$ oz. 50 cts.	$1\frac{1}{2}$	.....	1.50	.15
montana. Large flowers of deep purple, very showy. $\frac{1}{8}$ oz. 35 cts.	2	H.P.	2.00	.15

CENTAUREA. They flower finest in full sun and poor soil. Sow in the open ground in Spring.

americana. Bushy garden plants; lavender-blue, fragrant. $\frac{1}{4}$ oz. 60 cts.	3	H.A.	2.00	.15
Chameleon. Large; yellow and rose. $\frac{1}{4}$ oz. 75 cts.	$1\frac{1}{2}$	.....	2.00	.15
Margaritæ. Pure white, $2\frac{1}{2}$ inches across, exquisitely lacinated and delightfully scented. $\frac{1}{4}$ oz. 35 cts.	$1\frac{1}{2}$	.....	1.00	.10
moschata, Mixed Sweet Sultan. $\frac{1}{4}$ oz. 30 cts.	$1\frac{1}{2}$	.....	1.00	.10
suaveolens, Yellow Sweet Sultan. Fine for cutting. $\frac{1}{4}$ oz. 25 cts.	$1\frac{1}{2}$	.....	.75	.10

CENTAUREA Cyanus (Bachelor's Button, Cornflower, Blue Bottle, or Ragged Sailor). This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountains.

Marshall's Double Blue. Fine for cutting. $\frac{1}{4}$ oz. 30 cts.	$1\frac{1}{2}$	H.A.	1.00	.10
Liberty Blue. The true Emperor deep blue Bachelor's Button.	$1\frac{1}{2}$	.....	.50	.10
rosea. Rose-pink. ....	.....	.....	.50	.10
White. Very pretty for decorations and borders. ....	.....	.....	.50	.10
Finest Mixed. ....	.....	.....	.50	.05

CENTAUREA Imperialis, Giant Imperial Sweet Sultan. The finest of all Sweet Sultans for cut flower purposes.

Separate Colors: Lilac, White, Pink with White Center, Purple, Rose. $\frac{1}{4}$ oz. 50 cts. each color.	3	H.H.A.	.....	.....
Finest Mixed. All colors. $\frac{1}{4}$ oz. 30 cts. ....	.....	.....	1.50	.15
.....	.....	.....	1.00	.10

CERASTIUM tomentosum (Snow in Summer). A dwarf, white-leaved edging plant with small white flowers. $\frac{1}{8}$ oz. 75 cts.

.....	$\frac{1}{2}$	H.P.25
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CHRYSANthemum, Annual Varieties. Showy, hardy annuals of easiest cultivation and blooming from July until frost.

coronarum compactum, White Pearl. Fine for cutting. $\frac{1}{4}$ oz. 25 cts.	1	H.A.	.75	.10
coronarum compactum, Primrose Queen. $\frac{1}{4}$ oz. 25 cts.	1	.....	.75	.10
coronarum, Double White.	$1\frac{1}{2}$	.....	.50	.10
coronarum, Double Yellow. ....	.....	.....	.50	.10
coronarum, Double Mixed. Yellow, white, etc. ....	.....	.....	.40	.05
inodorum plenissimum. Free flowering variety of spreading habit, with pure white flowers, resembling Asters. $\frac{1}{4}$ oz. 35 cts.	1	.....	1.00	.10
tricolor. Lord Beaconsfield. White and rose.	1	.....	.60	.10
tricolor, Morning Star. Large, primrose flowers.	1	.....	.60	.10
Northern Star. Large ivory white flowers with sulphur zone.	1	.....	1.00	.10
tricolor, Single. Finest mixed.	1	.....	.40	.05
tricolor, Double-Fringed Mixed. This is a very graceful flower.	1	.....	1.00	.10
Collection of six varieties. Annual. ....	.....	.....	.....	.50

CHRYSANthemum, Perennial Varieties.

frutescens (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors. $\frac{1}{8}$ oz. 35 cts.	$1\frac{1}{2}$	G.P.	....	.10
japonicum fl. pl. From finest Japanese flowers. Extra choice mixture.	3	G.P.	....	.25
maximum "Perfection." Very free-flowering; pure white.	$\frac{1}{2}$	H.P.	1.00	.15
maximum grandiflorum (The Shasta Daisy). Pure white; very large. $\frac{1}{4}$ oz. 50 cts.	3	H.P.	1.50	.15

CINERARIA maritima candidissima. A white-leaved "Dusty Miller," used for bedding.	1	H.H.P.	.60	.10
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NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

CINERARIA hybrida. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September.				
Marshall's Matchless Prize Mixed. Every shade of blue, crimson, violet and pink, both in self-colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit.	2	G.P.	....	\$0.50
grandiflora, Matchless Dwarf Prize Mixed. This strain is just as choice as above, but different in height.	1 1/2			.50
stellata, Blue Star Flowered.	2			.50
stellata, Pink Star Flowered.	2			.50
stellata, White Star Flowered.	2			.50
stellata hybrids, Mixed Colors. Tall, pyramidal plants, bearing star-like flowers.	2			.50
CLARKIA. This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are fine seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade.				
Brilliant. Double salmon-scarlet flowers. 1/4 oz. 50 cts.	2	H.A.	\$1.50	.10
Queen Mary. Very bright rose carmine, double flowers. 1/4 oz. 50 cts.	2		1.50	.10
rosea flore plena. Double rose. 1/4 oz. 25 cts.	2		.75	.10
Salmon Queen. Extra double salmon-pink. 1/4 oz. 25 cts.	2		.75	.10
Scarlet Queen. Fine double, brilliant salmon orange scarlet. 1/4 oz. 50 cts.	2		1.50	.10
White. Very double, pure white flowers. 1/4 oz. 30 cts.	2		1.00	.10
Double Mixed. All colors.	2		.50	.10
CLEOME gigantea. (Giant Spider Flower). Bright rosy-crimson flowers; adapted for large beds or borders. 1/4 oz. 35 cts.	3 1/2	H.A.	1.00	.10
CLIANTHUS Dampieri (Austrian Glory Pea). Scarlet flowers.	3	G.S.	....	.25
CLERODENDRON Fallax. Erect growing greenhouse plant, with large spikes of scarlet flowers.		G.P.	....	.50
COBÆA scandens. Tender climber, larger, bell-shaped blue flower.	20	H.A.C.	1.00	.10
White. Large white, bell-like flowers. 1/4 oz. 60 cts.			2.00	.15
COCKSCOMB. (See <i>Celosia cristata</i>).				
COLEUS, Marshall's Matchless Mixed. Richly colored foliage plants.	2	G.P.	....	.25
COLLINSIA. Charming annual. Finest mixed.	1	H.A.	.50	.10
COLUMBINE. (See <i>Aquilegia</i>).				
COLVOLVULUS, or Morning Glories. (See also <i>Morning Glory</i>). Deservedly very popular, as they are of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation.				
major, mixed colors. Climbers of rapid growth.	30	H.A.C.	.30	.05
minor, or Bush Morning Glories. Mixed colors.	1	H.A.	.30	.05
COREOPSIS. Long stemmed, large, single flowers.				
grandiflora. Large flowers of rich yellow. 1/4 oz. 25 cts.	2	H.P.	.75	.10
lanceolata. Yellow. 1/4 oz. 25 cts.	2		.75	.10
CORN, Rainbow (<i>Zea japonica variegata</i>). Variegated leaves, striped in green, white and yellow.	5	H.A.	.50	.10
CORNFLOWER. (See <i>Centaurea cyanus</i>).				
COSMOS. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.				
		H.A.	....	....
Double Crested. New varieties with semi-double flowers.				
Carmine Kine. Bright red crested flowers. 1/4 oz. \$1.00.	5	H.A.	....	.15
Pink Beauty. A lovely shade of pink, crested flower. 1/4 oz. \$1.00.	5		....	.15
White Queen. Pure white, crested flower. 1/4 oz. \$1.00.	5		....	.15
Double Varieties. Very fine, full, round double flowers.				
Double Crimson. 1-16 oz. \$1.00.	5		....	.25
Double Pink. 1-16 oz. \$1.00.	5		....	.25
Double White. 1-16 oz. \$1.00.	5		....	.25
Giant Early Flowering. Crimson. 1/4 oz. 50 cts.	4		1.50	.10
Giant Early Flowering. Pink. 1/4 oz. 50 cts.			1.50	.10
Giant Early Flowering (The Bride). White, tinted pink.			1.50	.10
Giant Early Flowering. White. 1/4 oz. 50 cts.			1.50	.10
Giant Early Flowering. Mixed colors; compact, bushy growth.			1.00	.10
Giant Late Flowering. Lady Lenox. Pink. 1/4 oz. 50 cts.	5		1.50	.10
Giant Late Flowering. Lady Lenox. White. A pure white type of the popular Pink variety. 1/4 oz. 50 cts.	5		1.50	.10
Giant Late Flowering. Red. 1/4 oz. 50 cts.			1.50	.10
Giant Late Flowering Mixed. All shades. 1/4 oz. 35 cts.			1.00	.10
Klondyke. Large flowered golden yellow. 1/4 oz. 50 cts.	5		1.50	.10



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
COWSLIP, Mixed (<i>Primula veris</i>). A Spring flowering plant.	½	H.P.	....	\$0.25
CUPHEA platycentra (Cigar Plant). Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip.	1	H.H.P.	....	.25
CYCLAMEN . These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.	½	G.P.	....	....
Marshall's Giant Varieties (<i>Persicum giganteum</i>). New crop seeds usually arrive in August.				
Crimson King . Dark crimson. 100 seeds, \$1.75.				.50
Giant White . 100 seeds, \$1.75.				.50
Mrs. Buckston . Salmon-pink, heavily fringed. 100 seeds, \$3.00.				1.00
Salmon Queen . Salmon. 100 seeds, \$1.75.				.50
St. George . Pale salmon, with marbled foliage.				1.00
Victoria . A pretty form with colored fringe at the top of the petals. In several colors. 100 seeds \$2.50.				.50
Marshall's Giant Mixture . Includes all the brilliant colors. 100 seeds, \$2.00.				.50
Papilio, or Giant Fringed Butterfly . Mixed colors; flowers beautifully fringed. 100 seeds, \$3.00.				.50
CYPERUS alternifolius (Umbrella Plant). Handsome plants, easily raised from seed; used for table decorations and combining with palms; semi-aquatic.	2	H.H.P.	....	.15
CYPRESS VINE . A fast growing annual vine, with feathery, dark-green foliage and star-like flowers.	20	H.A.C.	....	....
Bright Scarlet .			\$0.50	.10
Finest Mixed .			.50	.10
DAHLIA . Although perennials, these will flower the first season.	4	H.H.P.	....	....
Collarette . Single flowers in various colors, with white quilled and tufted centers; very showy. ⅛ oz. 50 cts.			3.00	.15
Double, Large Flowering . Double mixed colors. ¼ oz. 50 cts.			1.50	.10
Cactus . New choice varieties. Mixed colors. ⅛ oz. 35 cts.			2.00	.10
Single, Large Flowering . Mixed. Self and striped flowers.			1.00	.10
DAISY, Double . (See <i>Bellis perennis</i>).				
DATURA (Trumpet Flower). Robust garden annual, bearing large trumpet-shaped flowers.	4	H.H.A.	....	....
Double Flowering . Mixed (<i>Fastuosa</i> fl. pl.). ¼ oz. 30 cts.			1.00	.15
Cornucopia (Horn of Plenty). Flowers white and purple. ¼ oz. 30 cts.			1.00	.15
DELPHINIUM (Larkspur). Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.		H.P.	....	....
Belladonna . Very large-flowered, light azure blue. ⅛ oz. \$1.00.	3		....	.25
chinensis album . Pure white. ¼ oz. 35 cts.	1½		1.00	.10
chinensis azureum . Azure blue. ¼ oz. 35 cts.	1½		1.00	.10
chinensis Mixed (<i>grandiflorum</i>). Shades of blue and pure white.	1½		1.00	.10
formosum . Brilliant blue, white center; especially fine and attractive. ¼ oz. 50 cts.	3		1.50	.10
formosum celestinum . Sky-blue; handsome. ¼ oz. 50 cts.	3		1.50	.15
hybridum grandiflorum fl. pl. Finest double sorts in choice colors; superb mixture. ¼ oz. \$1.00.	3		3.00	.25
Marshall's Matchless Hybrids . Choice show Hybrids, saved from the best named varieties. ⅛ oz. \$1.00.	3		....	.25
Zalil (<i>sulphureum</i>). Very beautiful, with long spikes of yellow flowers.			....	.25
DICTAMNUS fraxinella . Handsome spikes of reddish flowers and fragrant leaves. ¼ oz. 35 cts.	3	H.P.	1.00	.10
DIANTHUS (Chinese or Indian Pinks). These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors.		H.H.A.	....	....
SINGLE ANNUAL PINKS.				
Heddewigii . Large, attractive flowers of most brilliant colors. Finest mixed. ¼ oz. 35 cts.	1		1.00	.10
laciniatus Single Mixed . Fringed flowers of all colors. ¼ oz. 35 cts.	1		1.00	.10
DOUBLE ANNUAL PINKS.				
Dianthus chinensis fl. pl. (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest Mixed. ¼ oz. 30 cts.	1	H.A.	1.00	.10
Diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed.	1	H.A.	1.50	.15
Heddewigii fl. pl. (Japanese Pink). Large, double flowers of exquisite colors.				
Finest Mixed. ¼ oz. 50 cts.	1		1.50	.10
"Fireball." Large double; brilliant red. ¼ oz. 75 cts.	1		2.00	.15
laciniatus "Salmon Queen." Very striking double flowers, rich salmon scarlet. ¼ oz. \$1.00.	1		....	.15
laciniatus "Snowball." Extra large, double, pure white. ¼ oz. 75 cts.	1		2.00	.15



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
DIANTHUS —Continued.					
laciniatus fl. pl. Double fringed flowers; beautifully striped; many colors.					
Mixed. $\frac{1}{4}$ oz. 75 cts.		1		\$2.00	\$0.15
Collection of Double Annual Pinks. Six varieties.					.50
HARDY PERENNIAL PINKS.					
plumarius fl. pl. Pheasant's Eye. Pretty fringed double flowers.		1	H.P.	2.00	.15
plumarius semperflorens (Perpetual Pink). Mixed, single and double.					
$\frac{1}{2}$ oz. 50 cts.		1		3.00	.15
DIDISCUS cœrulea. Pale lavender flowers, valuable for cutting.		$1\frac{1}{2}$	H.A.		.15
DIGITALIS, or FOXGLOVE. Hardy perennials, producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrub-beries and half shady places.					
Marshall's Superb Purple. $\frac{1}{4}$ oz. 50 cts.		3	H.P.	1.25	.15
Marshall's Superb Rose. $\frac{1}{4}$ oz. 50 cts.				1.25	.15
Marshall's Superb Yellow. $\frac{1}{4}$ oz. 50 cts.		3		1.25	.15
Marshall's Superb White. $\frac{1}{4}$ oz. 50 cts.		3		1.25	.15
Marshall's Superb Mixed. All colors. $\frac{1}{4}$ oz. 35 cts.		3		1.00	.15
monstrosa, Mixed. Very large flowers. $\frac{1}{4}$ oz. 75 cts.		4		2.00	.15
Finest Mixed (Common Foxglove). $\frac{1}{4}$ oz. 30 cts.		3		1.00	.10
DIMORPHOTHECA aurantiaca. Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone. $\frac{1}{4}$ oz. \$1.00.					
aurantiaca hybrida. Mixed hybrids. $\frac{1}{4}$ oz. 50 cts.		$1\frac{1}{2}$	H.A.	1.50	.15
DOLICHOS, or HYACINTH BEAN. Annual climbers, with clusters of Bean-like flowers.					
"Daylight." This grand Hyacinth Bean comes from Japan. Flowers pure white; pea-shaped.		10	H.A.C.		
"Darkness." Identical in every way to the above, except in color, which is a rich purple violet.		10		.50	.10
Lablab. Separate colors: Red, White and Violet. Each.				.40	.10
Lablab, Mixed. Purple and White.				.30	.05
DORONICUM caucasicum. Effective Spring-flowering plant, with bright yellow flower.					
		2	H.P.		.25
DRACÆNA indivisa. For vases, pots, etc., narrow green leaves.		2	G.P.	.75	.15
ECCREMOCARPUS scaber. (See Calampelis.)					
ECHEVERIA. A showy plant, for rockeries or carpet beds.					
secunda glauca. White, fleshy foliage.		$\frac{3}{4}$	G.P.		.25
ECHINOCYSTIS lobata (Wild, or California Cucumber). The fastest growing annual vine in existence; will grow 20 feet in six weeks. Pretty foliage and inconspicuous white flowers.					
		20	H.A.C.	.50	.10
ECHINOPS Ritro (Blue Globe Thistle). Purple. $\frac{1}{4}$ oz. 25 cts.		3	H.P.	.75	.10
EDELWEISS (Leontopodium). Silvery white.		$\frac{1}{2}$	H.P.		.25
EREMURUS robustus (Gold Medal Hybrids). Stately plant with long spikes of flowers.					
		8	H.P.		.25
ERIGERON speciosus (The Midsummer Daisy). Pale mauve flowers with golden centers. Fine for cutting.					
		$1\frac{1}{2}$	H.P.		.10
ERYSIMUM arkansanum. Bright yellow flowers, resembling the Wallflower.					
		$1\frac{1}{2}$	H.A.		.15
ERYSIMUM pulchellum. Pale yellow flowers. Useful for rockwork.					
		$\frac{1}{2}$	H.P.		.15
ERYNGIUM amethystinum (Sea Holly). Spiny foliage and small Amethyst-blue flowers in large panicles. $\frac{1}{8}$ oz. \$1.00.					
		4	H.P.		.25
ERINUS alpinus. Blue; beautiful for baskets.					
		$\frac{1}{4}$	H.P.		.25
ESCHSCHOLTZIA, or CALIFORNIA POPPY. Very attractive annuals for beds, edgings, or masses; profuse-flowering; fine cut, glaucous foliage; in bloom from June to frost.					
californica. Bright yellow. $\frac{1}{4}$ oz. 20 cts.		1	H.A.	.50	.10
californica alba. White. $\frac{1}{4}$ oz. 20 cts.				.50	.10
Carmine King. Beautiful deep red. $\frac{1}{4}$ oz. 30 cts.				1.00	.10
Chrome Queen. A beautiful clear chrome yellow. $\frac{1}{8}$ oz. 75 cts.					.15
Crimson King. Beautiful crimson scarlet. $\frac{1}{4}$ oz. 20 cts.				.60	.10
Dainty Queen. Blush-pink on cream ground. $\frac{1}{4}$ oz. 75 cts.				2.00	.15
Golden West. Large flowers of deep yellow shade. $\frac{1}{4}$ oz. 20 cts.		2		.60	.10
Mandarin. Large, scarlet, inside orange.		1		.50	.10
Rose Cardinal. A distinct color. $\frac{1}{4}$ oz. 35 cts.		1		1.00	.10
Single Mixed. All colors.				.40	.05
The Geisha. Petals prettily fluted. Color inside golden and outside intense orange crimson. Very beautiful. $\frac{1}{4}$ oz. 50 cts.					
				1.50	.15
EUPATORIUM Fraseri. White, fine for cutting. $\frac{1}{4}$ oz. 35 cts.					
		2	H.P.	1.00	.10
EUPHORBIA heterophylla (Fire on the Mountain). Leaves large and glossy green, often tipped with orange-scarlet. $\frac{1}{4}$ oz. 50 cts.					
		3	H.A.	1.50	.15
variegata (Snow on the Mountain). White and green bracts, excellent for bouquets. $\frac{1}{4}$ oz. 20 cts.					
		2		.60	.10
FERNS, Greenhouse Variety, Mixed.					
			G.P.		.25
FEVERFEW. (See MATRICARIA.)					

NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

FORGET-ME-NOT. (See **MYOSOTIS**.)

FOXGLOVE. (See **DIGITALIS**.)

FOUR O'CLOCKS. (See **MARVEL OF PERU**.)

FRANCOA ramosa alba. Elegant sprays of pure white flowers. 2½ H.B. \$0.25

FREESIA, New Hybrids Mixed. Shades of pink, red, violet, yellow, etc. 2 G.P.25

GAILLARDIA. Showy garden annuals, with large flowers.

amblyodon. Blood red. ¼ oz. 35 cts. 2 H.A. \$1.00 .10

picta Mixed, Single. Annual varieties.60 .10

Lorenziana, Double Mixed.60 .10

Giant Hybrids, Mixed. Perennial. ¼ oz. 35 cts. 2 H.P. 1.00 .10

Marshall's Matchless Hybrids. A grand new improved strain; enormous flowers and very strong habit. ⅛ oz. \$1.00. 225

GAURA Lindheimeri. Graceful spikes of rosy-white flowers. 3 H.P. .75 .10

GENTIANA acaulis (Gentian). Intense blue, bell-shaped flowers. ¼ H.P.15

GERANIUM. Well-known plants for garden or pot culture.

zonale. Finest Mixed. 2 G.P.15

GERBERA Jamesonii hybrida (The Transvaal Daisy). Fine for cut flowers or bouquets. 100 seeds \$1.00. 1½ H.H.P.25

GEUM atrosanguineum. Large, double crimson flowers. ¼ oz. 35 cts. 2 H.P. 1.00 .15

Mrs. Bradshaw. Double orange-scarlet flowers, very large and full. ⅛ oz. 60 cts. 1½ 3.00 .25

GLOBE AMARANTH, Gomphrena. Clover-like heads of flowers; esteemed as everlasting. H.A.

globosa alba. White. 150 .10

globosa rosea. Rose. 150 .10

globosa. Mixed colors. 150 .10

GLOXINIA. Charming pot plants, flowering during Summer in the greenhouse or window. G.P.

Marshall's Matchless. Erect giant-flowering, mixed. Saved from the very choicest erect flowering varieties in cultivation. A grand variety of colors.50

GODETIA. Bushy annual, with showy large flowers. 1½ H.A.

Brilliant. Glowing carmine. ¼ oz. 35 cts. 1½ 1.00 .10

Double Rose. A delicate rose pink shade. ¼ oz. 50 cts. 1½ 1.50 .10

Duchess of Albany. Satiny-white. ¼ oz. 35 cts. 1½ 1.00 .10

Gloriosa. Compact, brilliant blood-red. ¼ oz. 35 cts. 1 1.00 .10

Rosy Morn. A lovely coral pink, very double flowers. ⅛ oz. \$1.00. 115

Finest Mixed Colors.40 .10

GOURDS. Thrifty annual climbers, bearing "Ornamental Gourds". 20 H.A.C.

Apple-shaped.40 .10

Bottle-shaped.40 .10

Calabash, or African Pipe Gourd.50 .10

Dipper-shaped.40 .10

Dishcloth (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow.50 .10

Egg. Fruit white; resembles eggs.40 .10

Hercules' Club. Enormous fruit; often 4 feet long, thicker at the base.40 .10

Mock Orange, or Orange-shaped.50 .10

Pear-shaped.50 .10

Sugar Trough.40 .10

Mixed Ornamental Varieties.40 .10

Collection of Ten Varieties of Gourds.75

GRASSES, ORNAMENTAL. A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent for borders, clumps on lawn or near ponds. The annual sorts are particularly pretty on account of the graceful, feather flower panicles, which are used in bouquets.

Agrostis nebulosa. Very graceful and pretty. 1½ H.A.10

Briza maxima (Quaking Grass). Very pretty. 1½ H.A.10

Coix lachryma (Job's Tears). Foliage quite broad. Seeds prominent, very large and shiny. 3 H.A. .50 .10

Erianthus Ravennæ. Silvery plumes, resembling Pampas Grass. 8 H.P. .60 .10

Eulalia zebrina. White striped foliage, very ornamental. ¼ oz. 35 cts. 4 H.P. 1.00 .10

Gynium argenteum. The famous Pampas Grass, with beautiful silvery plumes. 10 H.P. .60 .10

Hordeum jubatum (Squirrel-tail Grass). A pretty variety, with bushy panicles of flowers. 3 H.A. .50 .10

Pennisetum longistylum. An annual grass, with gracefully drooping heads. 2 H.A. 1.00 .10

Pennisetum Ruppelianum. Hardy perennial grass, growing 3 feet high, with violet-tinted silvery plumes. The deep green foliage is long and slender. ¼ oz. 35 cts. 3 H.P. 1.00 .10

GREVILLEA robusta (Silk Oak). With graceful foliage. ¼ oz. 50 cts. 5 G.S. 1.50 .10



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
GYPSOPHILA (Baby's Breath). Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.				
<i>elegans alba grandiflora</i> . An improved large flowering, pure white form of the annual Baby's Breath, of free and easy growth.	1½	H.A.	\$0.50	\$0.10
<i>elegans carminea</i> . Carmine rose.	1	H.A.	.50	.70
<i>rosea grandiflora</i> . Delicate rose.	1½	H.A.	.50	.10
<i>muralis</i> . Bright rose. ¼ oz. 35 cts.	¾	H.A.	1.00	.10
<i>paniculata</i> . One of the finest for cutting. Pure white flowers, very small and borne in large panicles. ¼ oz. 25 cts.	2	H.P.	.75	.10
<i>paniculata flore plena</i> . A double-flowering variety; pure white.	2	H.P.	....	.25
HELIANTHUS . (See SUNFLOWER .)				
HELICHRYSUM , or STRAW FLOWER . Large, double "everlasting" flowers.				
<i>monstrosum</i> , Fire Ball. Double red. ¼ oz. 50 cts.	2	H.A.	....	.15
<i>monstrosum</i> , Golden Globe. Double yellow.	2	....	....	.15
<i>monstrosum</i> , Silver Globe. Glistening white. ¼ oz. 50 cts.	2	....	....	.15
Large Flowering, Double, Mixed Colors. ¼ oz. 25 cts.	1½	H.A.	.75	.10
HELIOTROPE . Well known fragrant flowering plants for pots or gardens.	1½	G.P.	....	....
Marshall's Blue Perfection. Light blue.	....	....	....	.25
Anna Tureil. Dark blue.	....	....	....	.10
Finest Mixed. ½ oz. 40 cts.	....	....	....	.10
Lemoine's Giant Hybrids, Mixed.	....	....	....	.15
HEUCHERA sanguinea splendens . Long spikes of fiery-red flowers.	1½	H.P.	....	.15
<i>sanguinea hybrida</i> . Fine for borders. Mixed colors.	1½	H.P.	....	.15
HIBISCUS africanus . Yellow, with narrow center.	1	H.P.	.50	.15
Marshall's Rainbow <i>grandiflorus</i> Hybrids. New giant flowering Marshmallows. Very large flowers in various colors. ¼ oz. 50 cts.	6	H.P.	1.75	.10
<i>moscheutos</i> (Swamp Rose Mallow). Flowers of a light rosy-red, with dark center.	2	H.A.	.50	.10
HOLLYHOCKS . One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants are sprayed frequently in early Spring with Bordeaux Mixture.	....	H.P.	....	....
Marshall's Giant. Double Apple Blossom. ⅛ oz. 60 cts.	6	....	4.00	.15
Marshall's Giant. Double Scarlet. ⅛ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant. Double Rose. ⅛ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant. Double Sulphur Yellow. ⅛ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant. Double White. ⅛ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant. Double Violet Purple. ⅛ oz. 60 cts.	....	....	4.00	.15
Marshall's Giant. Double Fine Mixed. ⅛ oz. 50 cts.	....	....	2.50	.10
Chater's Extra Choice, Double, Mixed Colors. ⅛ oz. 75 cts.	....	....	3.50	.15
Hybrid Everblooming, Double, Mixed. Flowers the first season from seed.	....	....	....	....
Very fine colors. ¼ oz. 50 cts.	....	....	1.50	.15
Collection of Double Hollyhocks. Six colors.	....	....	....	.75
Marshall's Giant. Single Pink. ¼ oz. \$1.00.	....	....	3.00	.15
Marshall's Giant. Single Red. ¼ oz. \$1.00.	....	....	3.00	.15
Marshall's Giant. Single Yellow. ¼ oz. \$1.00.	....	....	3.00	.15
Marshall's Giant. Single White. ¼ oz. \$1.00.	....	....	3.00	.15
Marshall's Giant. Single Mixed. All colors. ¼ oz. 30 cts.	6	....	1.00	.10
Hybrid Everblooming. Single, Mixed. ¼ oz. 30 cts.	....	....	1.00	.10
HONESTY , <i>Lunaria biennis</i> . Has silvery seed pouches; used for Winter decorations. ¼ oz. 25 cts.	2	H.B.	.75	.10
HUMULUS japonicus (Japanese Hop). A climber with dense green foliage. ¼ oz. 20 cts.	30	H.A.C.	.60	.10
<i>japonicus fol. variegatus</i> . Variegated foliage.	....	....	.75	.10
HUNNEMANNIA fumarifolia (Giant Yellow Tulip Poppy). Flowers are Tulip-shaped, pure golden yellow. When cut and put in water they will last a full week. ¼ oz. 35 cts.	2	H.A.	1.00	.10
HYACINTH BEAN . (See DOLICHOS .)				
IBERIS . (See CANDYTUFT .)				
ICE PLANT . (See MESEMBRYANTHEMUM crystallinum .)				
IMPATIENS (Sultan's or Zanzibar Balsam). Charming plants for decoration of the greenhouse or table, producing waxy looking flowers profusely and continuously.				
Sultani. Flowers of brilliant rosy-scarlet color.	2	G.P.	....	.25
Holstii Hybrids. Form strong bushy plants covered with attractive flowers. As pot plants they bloom the year round. Choicest mixed colors.	2	....	....	.25
INCARVILLEA Delavayi . The flowers are borne on long, stout stems, tube-shaped. Color bright rose. ⅛ oz. 50 cts.	2	H.P.	....	.25
IONOPSIDIUM acaule . Pale mauve flowers adapted for rockeries and carpet bedding; very dwarf habit.	¼	H.H.P.	....	.15



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
IPOMŒA, Morning Glory. (See also CONVOLVULUS .) Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable.				
Double "Snowy Fairy." A beautiful climbing annual.	20	H.A.C.		
cardinalis "Cardinal Flower." A rapid growing annual with deep cardinal red flowers and lacinated foliage. $\frac{1}{4}$ oz. \$1.00.	30			\$.10
grandiflora alba (Moonflower). Large, heart-shaped leaves and large, pure white flowers, which open only late in the evening.			\$0.75	.10
rubro cœrulea (Heavenly Blue). Beautiful, large, sky-blue flowers.	10		1.00	.15
setosa (Brazilian Morning Glory). Large, ornamental foliage, with bright, rose flowers.			.75	.15
Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts.	15		.50	.10
Quamoclit. (See CYPRESS VINE .)				
KALANCHOË flammea. Splendid greenhouse plant with large heads of orange scarlet flowers.	1½	G.S.		.35
KENILWORTH IVY. Neat, hardy climber, clinging to walls, etc.	6	H.P.		.15
KOCHIA tricophylla (Belvedere Summer Cypress, or Mexican Firebush). Grows in a perfectly pyramidal shaped cypress bush, with small feathery, light-green foliage. Becomes a lovely crimson hue about September.	2½	H.A.	.75	.10
KUDZU VINE (<i>Pueraria Thunbergiana</i>). A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped blossoms. $\frac{1}{4}$ oz. 50 cts.	30	H.P.	1.50	.15
LANTANA. One of the most desirable greenhouse or bedding plants; constantly in bloom. Newest hybrids, mixed. $\frac{1}{4}$ oz. 35 cts.	2	G.S.	1.00	.15
LATHYRUS latifolius, Perennial Sweet Pea. Hardy climbers. Fine for cutting.	8	H.P.		
latifolius. Purplish-red.			.75	.15
latifolius albus. Pure white.			.75	.15
White Pearl. A large flowering, robust growing variety of the above.			2.00	.25
Pink Beauty. Rosy pink. $\frac{1}{4}$ oz. 50 cts.			1.50	.15
Finest Mixed. All colors.			.75	.10
LARKSPUR. Elegant and ornamental plants, producing in great variety of form some of the most beautiful flowers in cultivation.				
Marshall's Invincible Branching. Azure-blue. $\frac{1}{4}$ oz. 50 cts.	2	H.A.	1.50	.15
Marshall's Invincible Branching. Carmine.			1.50	.15
Marshall's Invincible Branching. Flesh color.			1.50	.15
Marshall's Invincible Branching. Rose. $\frac{1}{4}$ oz. 50 cts.			1.50	.15
Marshall's Invincible Branching. White. $\frac{1}{4}$ oz. 50 cts.			1.50	.15
Marshall's Invincible Branching. Finest Mixed. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Newport Scarlet. Can be treated either as an annual or biennial.	2		2.00	.15
Dwarf Rocket. Finest colors. Fine for bedding.	1	H.A.	.40	.05
Tall Rocket. Mixed. Long, showy spikes.	2		.40	.05
Collection Invincible, Branching, Four Varieties.				.50
Perennial Larkspur. (See Delphinium .)				
LAVATERA splendens rosea (Pink Mallow). Bushy plants; produce large, open, pink, mallow-like flowers in great profusion. $\frac{1}{4}$ oz. 35 cts.	3	H.A.	1.00	.15
splendens, alba. Large, glossy white flowers. $\frac{1}{4}$ oz. 35 cts.	3	H.A.	1.00	.15
Finest Mixed Colors.			.50	.10
LEMON VERBENA. (See VERBENA .)				
LINARIA cymbalaria. (See KENILWORTH IVY .)				
LINUM grandiflorum rubrum. Single, scarlet flowers.	1	H.A.	.40	.10
LOBELIA. Bushy plants, with pendant branches; very profuse flowering. Fine for baskets or edging borders.				
Marshall's Compact. The finest dark blue Lobelia, the plants are compact covered with a profusion of bloom. $\frac{1}{16}$ oz. \$1.00.	½			.25
Erinus Crystal Palace compacta. Dark blue. $\frac{1}{16}$ oz. 50 cts.	¾	H.H.A.		.15
Erinus compacta, Emperor. Light blue. $\frac{1}{16}$ oz. 50 cts.				.15
Erinus speciosa. Bright blue flowers. $\frac{1}{8}$ oz. 40 cts.	½		2.25	.10
Erinus gracilis. Blue flowers; trailing. $\frac{1}{8}$ oz. 30 cts.	½		2.00	.10
Erinus, Mixed Colors. White, blue, rose, etc. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
tenuior. Upright habit with very large blue flowers; adapted for pots or borders.	1	H.H.A.		.15
Perennial Varieties:				
cardinalis (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant.	3	H.P.		.25
cardinalis Hybrids. Splendid hybrids, mixed.	3			.25
LOPHOSPERNUM scandens. Dark rose. A rapid-growing climber.	8	H.H.A.		.15
LOVE-LIES-BLEEDING. (See AMARANTHUS .)				
LOVE-IN-A-MIST. (See NIGELLA .)				



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
LUPINUS. Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations.					
Hartwegii Blue.	A delicate shade. $\frac{1}{4}$ oz. 35 cts.	2	H.A.	\$1.00	\$0.10
Hartwegii White.	Splendid for cutting. $\frac{1}{4}$ oz. 35 cts.	2	H.A.	1.00	.10
hybridus roseus.	Rose. $\frac{1}{4}$ oz. 35 cts.	2	H.A.	1.00	.10
Tall Mixed, Annual Varieties.		2	H.A.	.50	.10
Perennial Varieties:					
polyphyllus albus.	White.	2	H.P.	.60	.10
polyphyllus cærulea.	Blue.	2		.60	.10
polyphyllus roseus.	Rose. $\frac{1}{4}$ oz. 50 cts.	2		1.50	.15
Snow Queen.	A grand variety; pure white. $\frac{1}{4}$ oz. 35 cts.	2	H.P.	1.00	.15
Mixed, Perennial Varieties.		3	H.P.	.50	.10
LYCHNIS chalcedonica.	The old favorite Scarlet Lychnis. $\frac{1}{4}$ oz. 35 cts.	4	H.P.	1.00	.10
Haageana Hybrids, Mixed Colors.	Bushy little plants. $\frac{1}{8}$ oz. 50 cts.	1			.15
MALOPE grandiflora.	Mixed. Very showy border annual; large flowers.	2	H.A.	.50	.10
MARIGOLD. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.					
African Varieties.		2	H.A.		
Marshall's Lemon Queen.	A charming shade. $\frac{1}{4}$ oz. 50 cts.				.10
Marshall's Prince of Orange.	Beautiful orange color. $\frac{1}{4}$ oz. 50 cts.				.10
Mixed Double.	$\frac{1}{4}$ oz. 35 cts.			1.00	.10
Collection, Double African.	Six colors separate.				.40
French Varieties:					
Dwarf Gold Striped.	Rich and quaintly striped double flowers.	1	H.A.	1.00	.10
Legion of Honor.	Single yellow blooms, marked with red. $\frac{1}{4}$ oz. 35 cts.	$\frac{3}{4}$		.75	.10
Dwarf Mixed, Double.	$\frac{1}{4}$ oz. 35 cts.	1		1.00	.10
Collection, Double French Dwarf.	Six colors separate.				.40
MARVEL OF PERU. A well known, handsome, free flowering garden favorite, does well everywhere. Mixed. (Four o'Clocks)					
		2	H.A.	.35	.05
MATHIOLA bicornis (Evening Scented Stock). Very sweet-scented lilac flowers. $\frac{1}{4}$ oz. 25 cts.					
		$\frac{1}{2}$	H.H.A.	.75	.10
MATRICARIA (Feverfew). Low-growing plants; suitable for beds and edgings.					
capensis plena.	Dwarf double white. $\frac{1}{4}$ oz. 35 cts.	1	H.H.P.	1.00	.10
Golden Ball.	Very striking double golden-yellow flowers. $\frac{1}{8}$ oz. \$1.00.	1			.15
Silver Ball.	Dainty double white spherical flowers. $\frac{1}{16}$ oz. \$1.00.	1			.25
MAURANDYA, Mixed Colors.	Tender climber.	6	H.H.P.		.15
MESEMBRYANTHEMUM Crystallinum (Ice Plant). A dwarf trailing annual plant; flowers white. $\frac{1}{4}$ oz. 35 cts.					
		$\frac{1}{2}$	H.H.A.	1.00	.10
MIGNONETTE, Large Flowering. The popular fragrant garden annual. The seed can be sown at any time, and, if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November.					
			H.A.		
Allen's Defiance.	Full round spikes of great length. $\frac{1}{4}$ oz. 35 cts.	1 $\frac{1}{2}$		1.00	.10
Bismarck.	Improved Dwarf. Machet variety.	1		1.00	.10
Crimson Giant.	Deep red flowers. $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Goliath.	Red; enormous spikes. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.10
Golden Queen.	Compact yellow flowers. $\frac{1}{4}$ oz. 25 cts.	1		.75	.10
Machet, Dwarf.	Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. $\frac{1}{4}$ oz. 35 cts.	$\frac{3}{4}$		1.00	.10
Majesty.	Selected strain for pots or benches. $\frac{1}{16}$ oz. \$1.00.	1 $\frac{1}{2}$			.50
New York Market.	The finest of all the fancy varieties of Mignonette for Winter forcing. Seed saved from selected spikes under glass. $\frac{1}{16}$ oz. \$1.00.	1 $\frac{1}{2}$			.50
Sweet-Scented (Reseda odorata grandiflora).	The large flowering garden variety.	1		.40	.05
MIMOSA pudica (Sensitive Plant). An interesting plant with rosy-lilac flowers. The leaves close when touched.					
		1	H.H.A.	.75	.10
MIMULUS tigrinus, Spotted, Mixed (Monkey Flowers)					
		1	H.A.		.15
moschatus (Musk Plant).	Fragrant; for pots. $\frac{1}{16}$ oz. \$1.00.	$\frac{1}{2}$	H.H.P.		.10
MINA lobata.	Rapid climber with crimson and orange flowers.	10	H.A.C.		.10
MOMORDICA. Trailing plants, with curious and ornamental foliage and remarkable fruit.					
Balsamina (Balsam Apple).	Orange fruit.	15	H.A.C.	.50	.10
Charantia (Balsam Pear).	Copper colored scarlet fruit.	15		.50	.10
MOON FLOWERS. (See <i>IPOMŒA grandiflora</i> .)					
MORNING GLORIES. (See <i>IPOMŒA</i> and <i>CONVOLVULUS</i> .)					
MUSK. (See <i>MIMULUS</i> .)					

The prices quoted in this catalogue are subject to change without notice.



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
MYOSOTIS, or FORGET-ME-NOTS. Perennials and hardy if given slight protection through the Winter. Seed may be sown any time from Spring until mid-Summer.				
alpestris, Blue. $\frac{1}{4}$ oz. 50 cts.	$\frac{1}{2}$	H.P.	\$1.50	\$0.15
alpestris, Mixed Colors. White, blue, pink, etc. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
dissitiflora. Blooms very early; flowers blue. $\frac{1}{8}$ oz. \$1.00.	1			.25
palustris semperflorens. The true water Forget-Me-Not. Blooms from early Spring until Autumn. Dark blue. $\frac{1}{8}$ oz. \$1.00.	1			.25
Marshall's Royal Blue. Early and free flowering, color deep indigo blue. Fine for borders or cutting. $\frac{1}{8}$ oz. \$1.00.	$\frac{3}{4}$			.25
robusta grandiflora, Eliza Fonrobert. A very strong-growing variety. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.15
Ruth Fischer. Compact growth; blue flowers.	$\frac{3}{4}$			.50
Victoria. The plants are of dwarf, compact growth, with multitude of bright blue flowers in dense umbels. $\frac{1}{4}$ oz. 75 cts.	$\frac{1}{2}$		2.00	.15
NASTURTIIUM (Tropæolum nanum).				
Tom Thumb, or Dwarf Varieties. These have a compact habit and attractive foliage; are not disturbed by insects; bloom in two months from sowing, and most profusely the whole season.	1	H.A.		
Aurora. Yellow-veined.	1	H.A.	.25	.10
Beauty. Yellow and scarlet. ....			.25	.10
Cloth of Gold. Scarlet, yellow foliage. ....			.25	.10
Empress of India. Crimson, dark foliage. ....			.25	.10
King Theodore. Garnet; dark foliage. ....			.25	.10
King of Tom Thumbs. Scarlet. ....			.25	.10
luteum. Bright yellow; no blotches. ....			.25	.10
Pearl. Creamy white. ....			.25	.10
Rose Color. ....			.25	.10
Marshall's Dwarf Rainbow Mixture. These contain all the leading named sorts, mixed. $\frac{1}{4}$ lb. 60 cts., lb. \$2.00. ....			.20	.05
Collection of 12 Varieties. ....				.50
NASTURTIIUM (Tropæolum majus).				
Tall, or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers.	6	H.A.C.		
Chameleon. Various colors on one plant. ....			.25	.10
Dark Crimson. ....			.25	.10
King Theodore. Crimson; dark foliage. ....			.25	.10
Pearl. Creamy white. ....			.25	.10
Rose (Von Moltke). ....			.25	.10
Scarlet. ....			.25	.10
Yellow. ....			.25	.10
Vesuvius. Salmon rose. ....			.25	.10
Marshall's Tall Rainbow Mixture. From the best varieties. $\frac{1}{4}$ lb. 60 cts., lb. \$2.00. ....			.20	.05
Collection of 12 Varieties. ....				.50
LOBB'S NASTURTIIUMS (Tropæolum Lobbianum). Very free blooming, embracing the most brilliant colors, climbing about 6 feet. Excellent for window boxes, vases and hanging baskets.				
Lobb's Finest Mixture.	6	H.A.C.	.25	.10
Madame Gunther Hybrids. A French strain; noted for wide range of fine colors. ....			.25	.10
NEMESIA strumosa grandiflora Suttonii. Bushy plants; flowers of unique form. $\frac{1}{16}$ oz. \$1.00.				
compacta Triumph. New dwarf compact. Finest mixture. $\frac{1}{16}$ oz. \$1.00.	$\frac{3}{4}$	H.A.		.25
NEMOPHILA. Splendid free flowering annual, with cup-shaped flowers of many bright colors. Mixed colors.	$\frac{1}{2}$			.25
NICOTIANA affinis. Fragrant, star-shaped white flowers. $\frac{1}{4}$ oz. 35 cts.	1	H.A.	.50	.10
affinis Hybrids. Large flowered; scented. All shades, mixed.	3	H.H.A.	1.00	.10
Sanderæ Hybrids. All colors. $\frac{1}{4}$ oz. 35 cts.	2		1.00	.10
Sylvestris. Large drooping clusters of pure white flowers.	3		1.00	.10
NIEREMBERGIA frutescens. For hanging baskets or borders; large, cup-shaped lilac flowers. $\frac{1}{4}$ oz. 50 cts.	4		1.00	.10
NIGELLA (Love-in-a-Mist). Beautiful border plants.	1	H.H.P.	1.50	.10
Miss Jekyll. A lovely variety with Cornflower-blue blossoms; splendid for cutting. $\frac{1}{4}$ oz. 35 cts.		H.A.		
Miss Jekyll White. Valuable for borders and cutting. $\frac{1}{4}$ oz. 35 cts.	$1\frac{1}{2}$		1.00	.10
Finest Mixed. Blue, white and purple.	$1\frac{1}{2}$		1.00	.10
CENOTHERA (Evening Primrose). Useful for exposed sunny positions, blooming the entire Summer. Finest mixed.	$1\frac{1}{2}$		.50	.10
	1	H.A.	.75	.10



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
PANSIES are the most popular flowers grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering, and August for early flowers the following Spring. Our mixtures contain a large variety of colors.				
Marshall's Chelsea Exhibition. This strain of Exhibition Pansies won the first prize at the Boston Show the past two years. They are without doubt the finest strain for forcing or outdoor planting obtainable. $\frac{1}{16}$ oz. \$2.00....	$\frac{1}{2}$	H.H.P.	....	....
Marshall's Greenhouse Mixture. A selection of varieties adapted for growing under glass. $\frac{1}{16}$ oz. \$1.25.....				\$1.00
Marshall's Matchless Mixture. This matchless strain consists entirely of the newest best shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest selected flowers. $\frac{1}{8}$ oz. \$2.00.....				.50
Marshall's Superb Giant, Mixed. A rich and most choicely varied mixture Producing only the finest colors, largest flowers and beautiful forms. $\frac{1}{8}$ oz. \$1.50.....			8.00	.25
Good Mixed Pansies. $\frac{1}{4}$ oz. 75 cts.....			2.00	.10
Giant Trimardeau, Mixed. Large flowers in a good variety of colors. $\frac{1}{4}$ oz. \$1.00.....			3.50	.15
GIANT PANSIES, in Varieties.				
Giant Adonis. A beautiful light blue. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Emperor. Ultramarine blue. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Fire King. Crimson-purple and golden yellow. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Golden Queen. Beautiful pure yellow. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Golden Yellow, with dark eye. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant King of the Blacks. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Lord Beaconsfield. Violet, shaded white. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Snow Queen. Pure white. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Striped. Variety of markings. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant Victoria. Wine red shades. $\frac{1}{8}$ oz. 75 cts.....				.15
Giant White, with black eye. $\frac{1}{8}$ oz. 75 cts.....				.15
Collection of Six Varieties, Giant Named.....				.70
Collection of Ten Varieties, Giant Named.....				1.40
PAPAVER. (See POPPIES.)				
PASSION FLOWER, <i>cærulea</i> . Large; violet and blue.....	10	H.H.P.	....	.15
PENTSTEMON. Highly useful and attractive hardy perennials, and much used in the hardy border.				
gentianoides, Fine Mixed Colors. $\frac{1}{4}$ oz. 75 cts.....	2	H.P.	2.00	.15
gloxinioides "Sensation." A grand variety of colors. Will bloom from seed in June if sown early in March.....	2	H.P.	....	.15
Marshall's Matchless Hybrids. A superb mixture of the best perennial sorts. $\frac{1}{16}$ oz. \$1.00.....		H.P.	....	.25
PERILLA nankinensis. Ornamental-leaved plants.....	$1\frac{1}{2}$	H.A.	.40	.10
PETUNIA. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost.....				
Marshall's Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored, double flowers.....	1			.50
Single Varieties:				
Marshall's Superb Large Flowered Mixed (California Giants). Magnificent flowers, with throats, beautifully veined.....	$1\frac{1}{2}$			.25
Marshall's Superb Large Flowered Fringed, Mixed. Flowers with fringed and frilled edges; distinct and beautiful.....	$1\frac{1}{2}$			.25
Large Flowered, Finest Mixed. Fine large flowers in superb mixture. $\frac{1}{16}$ oz. \$1.50.....	$1\frac{1}{2}$			.15
Fine Mixed. An assortment of medium-sized flowers; fine for bedding. $\frac{1}{4}$ oz. 50 cts.....	1		1.50	.10
maculata, Striped and Blotched (Inimitable). Flowers quite large and handsomely striped and spotted. $\frac{1}{4}$ oz. 50 cts.....	1		1.50	.10
Adonis. Very showy, fiery carmine, white throat, free blooming and compact growth. $\frac{1}{8}$ oz. \$1.00.....	1			.15
Howard's Star. Crimson, with white star. $\frac{1}{8}$ oz. 50 cts.....	1			.10
Marshall's Purple Bedder. A beautiful purple bedding variety. $\frac{1}{16}$ oz. \$1.00	1			.25
Marshall's Violet Queen. A grand Petunia for Bedding, growing about 18 inches high and very free flowering. $\frac{1}{16}$ oz. \$2.00.....	$1\frac{1}{2}$			.25
Norma. Blue with white star, compact habit, very showy. $\frac{1}{16}$ oz. \$1.00....	1			.15
Rosy Morn. Soft carmine pink. $\frac{1}{8}$ oz. 75 cts.....				.15
Snowball. Dwarf pure white; a fine bedding variety. $\frac{1}{8}$ oz. 50 cts.....	$\frac{3}{4}$			.15
Snowstorm. Pure white; large flowering.....				.25
PHACELIA campanularia. Very showy with bright blue bell-shaped flowers. $\frac{1}{4}$ oz. 50 cts.....	$\frac{3}{4}$	H.A.	....	.10



NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

PHLOX, Drummondii grandiflora. Improved large flowering strains of this famous garden annual. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past.				
	1	H.A.		
Blood-Purple. $\frac{1}{4}$ oz. 75 cts.			\$2.00	\$0.15
Brilliant Rose. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
Crimson. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
Salmon Rose. Salmon with yellow eye. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
Vivid Scarlet. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
White. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
Yellow. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
stellata splendens. Star-like crimson. $\frac{1}{4}$ oz. 75 cts.			2.00	.15
Choicest Mixed. Contains a very large variety of color. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
PHLOX, Large Flowering, Dwarf Varieties. Effective for beds or borders.				
		H.A.		
nana compacta Fireball. Bright red. $\frac{1}{4}$ oz. \$1.00.	$\frac{1}{2}$			.15
nana compacta Snowball. Compact, pure white. $\frac{1}{4}$ oz. \$1.00.	$\frac{1}{2}$			.15
nana compacta Mixed Colors. Star-shaped flowers. $\frac{1}{4}$ oz. \$1.00.	$\frac{1}{2}$		3.00	.15
PHLOX, Hardy Perennial decussata. Most brilliant colored flowers in late Summer and Fall. $\frac{1}{4}$ oz. 75 cts.				
	3	H.P.		.15
PHYSALIS, Franchetti (Giant Winter Cherry). Balloon-like fruits.	3	H.B.		.15
PHYSOSTEGIA (False Dragon Head).				
virginica. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. $\frac{1}{8}$ oz. 50 cts.	2	H.P.		.15
virginica alba. Pure white. $\frac{1}{8}$ oz. 50 cts.	3			.15
PICOTEES, Choice Double. Mixed colors.	1	H.H.P.		.25
PINKS. (See DIANTHUS.)				
PLATYCODON. The large flowering Chinese Bell Flowers.				
		H.P.		
grandiflorum. Large, steel-blue flowers. $\frac{1}{8}$ oz. 50 cts.	2		3.00	.15
album. Pure white variety. $\frac{1}{8}$ oz. 50 cts.	2		3.00	.15
Mariesi. Dwarf, large flowered blue. $\frac{1}{8}$ oz. 50 cts.	1		3.00	.15
POLYANTHUS, Marshall's Matchless Gold Laced. Saved from the largest flowers in a wide range of colors. $\frac{1}{8}$ oz. \$1.00.				
				.25
Munstead Giants. A magnificent strain of Bunch Primroses in shades of yellow and white.				.25
PORTULACA. One of the freest-flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors.				
	$\frac{1}{2}$	H.A.		
Single. Separate Colors: Rose, Scarlet, White, Yellow. Each $\frac{1}{4}$ oz. 35 cts.			1.00	.10
Single. Finest mixed. $\frac{1}{4}$ oz. 25 cts.			.60	.05
Double Large Flowering. Finest Mixed. Will produce a large percentage of double flowers in many colors. $\frac{1}{4}$ oz. \$1.00.	$\frac{1}{2}$		3.50	.15
POPPIES. Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.				
		H.A.		
Single Annual Varieties:				
glaucum. The scarlet Tulip Poppy. $\frac{1}{4}$ oz. 35 cts.	1		1.00	.10
King Edward. Free-flowering, beautiful scarlet.	1		1.00	.10
Miss Sherwood. Flowers satiny-white and chamoise rose.	1		.40	.10
The Shirley. Their brilliant, dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers.				
Rose-Pink Shirley. A beautiful pink variety. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.15
Marshall's Extra Selected Shirley. A grand variety of colors, saved from selected flowers. $\frac{1}{4}$ oz. 35 cts.	1		1.00	.15
Finest Mixed Shirley. Flowers in a great variety.	1		.50	.10
The Bride. A beautiful variety with large pure white flowers.			.50	.10
Virginia. Flowers white, edged soft pink; fringed.	1		.50	.10
Single Mixed Poppies. All kinds.	1		.50	.05
Double Annual Varieties:				
American Flag. White, edged red.	1	H.A.	.60	.10
Mikado. White, edged scarlet.	1		.60	.10
White Swan. Large, beautifully fringed white flowers.	1		.60	.10
Carnation-Flowered. Mixed colors.	1		.50	.10
Paony-Flowered. Mixed colors.	1		.50	.10
Hardy Perennial Varieties:				
bracteatum. Orange-scarlet hardy Poppy. $\frac{1}{4}$ oz. 25 cts.	1	H.P.	.75	.10
Iceland Poppies. While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts				
nudicaule (Iceland Poppy). Dwarf, bright yellow. $\frac{1}{4}$ oz. 50 cts.	1	H.P.	1.50	.10
nudicaule aurantiacum. Orange. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
nudicaule album. Pure white. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
nudicaule, Mixed Iceland Poppies. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
orientale White. A pure satiny white with crimson blotch at the base of each petal.				
	3	H.P.		.25
orientale Mixed Hybrids. Finest shades. $\frac{1}{4}$ oz., 35 cts.	3	H.P.	1.00	.10



NAME AND DESCRIPTION.

Height
in feet Duration Ounce Pkt.

PRIMULA sinensis, fimbriata (Chinese Primrose). A charming profuse flowering plant, indispensable for Winter and Spring decoration.	$\frac{3}{4}$	G.P.	.....	.....
Marshall's Giant. Deep blue.	.....	.....	.....	\$0.50
Marshall's Giant. Pure white.	.....	.....	.....	.50
Marshall's Giant. Salmon.	.....	.....	.....	.50
Marshall's Giant. Scarlet.	.....	.....	.....	.50
Marshall's Giant. Matchless Mixed.	.....	.....	.....	.50
PRIMULA obconica. One of the most useful greenhouse plants.				
obconica gigantea alba. White.	1	G.P.	.....	.50
obconica gigantea lilacina. Lilac.	.....	.....	.....	.50
obconica gigantea Kermesina. Crimson.	.....	.....	.....	.50
obconica gigantea rosea. Rose.	.....	.....	.....	.50
obconica gigantea, Finest Mixed.	.....	.....	.....	.25
PRIMULA malacoides. A charming free flowering pot plant; delicate lilac.	1	G.P.	.....	.25
malacoides alba. Pure white.	.....	.....	.....	.25
malacoides rosea. Charming rose pink.	.....	.....	.....	.25
Eureka. A new Giant form of obconica. Rich rosy carmine, shaded cerise, a clear yellow eye.	1	G.P.	.....	1.00
Kewensis. Bright yellow, fragrant flowers.	$1\frac{1}{2}$	G.P.	.....	.25
stellata (The Star Primula). Excellent pot plants for decoration purposes. Mixed colors.	1	G.P.	.....	.25
Hardy Primulas or Primroses:				
Beesiana. Very free flowering. Glowing velvety-purple with yellow eye.	.....	H.H.P.	.....	.25
japonica (Japanese Primrose). Mixed colors. $\frac{1}{4}$ oz. \$1.00.	1	H.P.	.....	.25
PRIMROSE, Marshall's New Blue. Many shades of blue to deep violet.	$\frac{1}{2}$	H.P.	.....	.25
vulgaris. English yellow Primrose. $\frac{1}{8}$ oz. 75 cts.	$\frac{1}{2}$	H.P.	\$3.00	.25
vulgaris Hybrids. Very choice hybrids of the English Yellow Primrose.	$\frac{1}{2}$	H.P.	.....	.25
PYRETHRUM. Fine for edging and borders.	.....	H.H.P.	.....	.....
aureum Golden Feather. Bright yellow foliage. $\frac{1}{4}$ oz. 30 cts.	$\frac{1}{2}$	.....	.75	.10
aureum Golden Gem. $\frac{1}{4}$ oz. 50 cts.	$\frac{1}{2}$	.....	1.50	.10
hybridum. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall.	.....	.....	.....	.....
Single. Large flowering, mixed colors. $\frac{1}{4}$ oz. \$1.00.	2	H.P.	.....	.15
hybridum fl. pl., Double. Large flowering; beautiful colors.	2	.....	.....	.25
REHMANNIA angulata. Flowers rose-purple with spotted throat.	3	H.H.P.	.....	.25
RHODANTHE (Swan River Everlasting). For borders or pot culture.				
maculata. Rose with dark center. $\frac{1}{4}$ oz. 35 cts.	1	H.A.	1.00	.10
maculata alba. Pure white. $\frac{1}{4}$ oz. 35 cts.	1	.....	1.00	.10
Finest Mixed. $\frac{1}{4}$ oz. 35 cts.	1	.....	1.00	.10
RICINUS (Castor Oil Plant). From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost.				
camboensis. Maroon foliage.	5	H.H.A.	.35	.10
Gibsoni. Purplish leaves and stems.	6	.....	.35	.10
panormitans. Large dark brown leaves, blue powdered stems, upright habit.	6	.....	.35	.10
sanguineus. Red stems.	6	.....	.35	.10
zanzibarensis, Mixed. Immense leaves.	8	.....	.35	.10
Mixed Varieties.	.....	.....	.30	.10
ROCKET, SWEET. A very interesting, useful and free flowering plant.				
Purple. Beautiful purple color. $\frac{1}{4}$ oz. 25 cts.	$1\frac{1}{2}$	H.P.	.75	.10
White. Flowers rosy white. $\frac{1}{4}$ oz. 25 cts.	$1\frac{1}{2}$	.....	.75	.10
Finest Mixed Colors. $\frac{1}{4}$ oz. 25 cts.	$1\frac{1}{2}$	.....	.75	.10
ROMNEYA Coulteri (The California Tree Poppy). Large snowy white flowers. Requires protection in Winter.	2	H.H.P.	.....	.25
RUDBECKIA bicolor superba. Yellow flowers.	2	H.A.	.....	.15
Newmannii. Bright orange with black cone.	2	H.P.	.....	.15
purpurea hybrida grandiflora. Beautiful large flowered hybrids.	2	H.P.	.....	.25
SALPIGLOSSIS. One of the prettiest annuals of easy culture; very showy in beds or borders. A great favorite among annuals, of easy culture, with orchid-like flowers from early Summer until late Fall.	2	H.A.	.....	.....
Marshall's Matchless Chamois. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Golden Yellow. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Dark Scarlet. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Purple. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Rose and Gold. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Scarlet and Gold. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Violet and Gold. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Yellow and White. $\frac{1}{8}$ oz. 50 cts.	.....	.....	.....	.15
Marshall's Matchless Mixture. All colors. $\frac{1}{4}$ oz. 75 cts.	.....	.....	.....	.15
Large Flowering. Mixed colors. $\frac{1}{4}$ oz. 25 cts.	1	.....	.75	.10
Collection of Six Separate Colors.	.....	.....	.....	.75



NAME AND DESCRIPTION.

Height
in feet

Duration

Ounce

Pkt.

SALVIA (Flowering Sage). One of our most handsome Summer- and Autumn-flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers.	H.A.	.....	.....	.....
Marshall's Fireflame. A dwarf, large flowering Salvia, very early flowering; plants compact and covered with long spikes of brilliant scarlet flowers. 1/8 oz. \$1.00.....	1 1/2	.....	\$6.00	\$0.15
America, or Globe of Fire. The earliest, freest and most continuous bloomer. Brilliant scarlet flowers, borne well above the plant. 1/8 oz. \$1.00.....	1 1/2	.....	.....	.15
Blue Beard (Clary). Elegant plant with showy spikes of bright purple flowers. 1/4 oz. 25 cts.....	1 1/2	H.A.	.75	.10
Bonfire. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. 1/8 oz. 75 cts.....	2	.....	3.50	.15
farinacea. Light blue flowers, long spikes. 1/8 oz. 35 cts.....	2 1/2	H.H.P.	2.00	.15
Ostrich Plume. The plants are well covered with brilliant scarlet plumes of flowers. 1/8 oz. 75 cts.....	2	.....	5.00	.15
splendens grandiflora (Scarlet Sage). A rich-flowered bedder.....	3	.....	2.50	.10
Zurich. Early-flowering; color brilliant scarlet. 1/16 oz. 75 cts.....	1 1/4	.....	5.00	.15
patens. Magnificent blue flowers. 1/8 oz., \$1.50.....	3	H.H.P.	.....	.25
SANVITALIA procumbens fl. pl. Pretty bright double yellow flowers. 1/4 oz. 30 cts.....	1/2	H.A.	.....	.10
SAPONARIA calabrica. Dwarf annual with pink starry flowers.....	1	H.A.	.75	.10
SCABIOSA, or MOURNING BRIDE. Very showy, free flowering annual. Fine for cutting and borders.....	H.A.	.....	.....	.....
Tall Double, Cherry Red and White. 1/4 oz. 35 cts.....	2 1/2	.....	1.00	.10
Tall Double, Fiery Scarlet. 1/4 oz. 35 cts.....	.....	.....	1.00	.10
Tall Double, King of the Blacks. Deep purple-black. 1/4 oz. 35 cts.....	.....	.....	1.00	.10
Tall Double, Lavender Blue. 1/4 oz. 35 cts.....	.....	.....	1.00	.10
Tall Double, Rose Pink. 1/4 oz. 35 cts.....	.....	.....	1.00	.10
Tall Double, Pure White. 1/4 oz. 35 cts.....	.....	.....	1.00	.10
Tall Double, Finest Mixed. All colors. 1/4 oz. 25 cts.....	.....	.....	.60	.10
Dwarf Double. Many colors mixed. 1/4 oz. 25 cts.....	.....	.....	.60	.05
Perennial Varieties:				
caucasica alba. Delicate white flowers. 1/8 oz. 50 cts.....	2	H.P.	.....	.15
caucasica. Silvery lavender-blue. 1/8 oz. 50 cts.....	2	H.P.	.....	.15
caucasica hybrida Mixed. Hardy perennial with large flowers.....	2	H.P.	.....	.15
SCHIZANTHUS. Popularly known as the Poor Man's Orchid, for its wonderful coloring.....	H.H.A.	.....	.....	.....
Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture.....	2	.....	.....	.50
Grahami. Free flowering red variety.....	2	.....	.....	.25
hybridus grandiflorus. Finest Mixed. Very choice.....	1 1/2	.....	1.50	.10
Pink Beauty. Flowers an exquisite shade of rose pink. Fine for pot plants and decorating.....	1 1/2	.....	.....	.50
retusus. Beautiful red and yellow flowers.....	2	.....	.....	.25
retusus albus. White blotched with golden yellow.....	2	.....	.....	.25
Wisetonensis, Marshall's Select Hybrids. Flowers varying from white with yellow eye, to rose with bronze center. Fine for pots.....	1 1/2	.....	.....	.25
Wisetonensis compacta, Mixed. Beautiful and varied colors.....	1	.....	.....	.25
SEDUM cœruleum (Blue Stonecrop). For rockword or edgings.....	1/4	H.A.	.....	.15
SENSITIVE PLANT. (See MIMOSA pudica.)				
SHAMROCK. True small-leaved variety. 1/4 oz. 50 cts.....	1/4	G.P.	.....	.15
SILENE compacta. Double. Mixed colors.....	1	H.A.	.50	.10
orientalis. Large, globular heads of bright rose flowers, which are clove-scented. Useful for cutting. 1/4 oz. 35 cts.....	2	H.P.	1.00	.10
SMILAX (Myrsiphyllum asparagoides.) Popular greenhouse climber with small dark green foliage. 1/4 oz. 25 cts.....	2	G.P.	.75	.10
SNAPDRAGON. (See ANTIRRHINUM.)				
SOLANUM capsicastrum nanum (Jerusalem Cherry). Ornamental plant for Winter decoration, with bright scarlet berries. 1/4 oz. 50 cts.....	2	.....	.....	.15
STATICE Bonduelli. Bright yellow flowers. 1/4 oz. 35 cts.....	1 1/2	H.A.	.....	.10
incana hybrida nana Mixed. A charming variety of Sea Lavender. Fine for bouquets. 1/4 oz. 50 cts.....	1 1/2	H.A.	.....	.10
latifolia. Lavender-blue flowers. 1/4 oz. 50 cts.....	2	H.P.	.....	.10
sinensis. Very graceful plant, flowers pure white with canary yellow. 1/8 oz. 50 cts.....	1 1/2	H.H.A.	.....	.10
sinuata hybrida. Flowers mauve, purple, white and yellow. 1/4 oz. 50 cts.....	1 1/2	H.A.	.....	.10
Suworowi. Flowers bright rosy color, fine for Winter decorations.....	2	H.A.	.....	.15
STEVIA serrata. Fine for bouquets. 1/4 oz. 50 cts.....	1 1/2	T.P.	1.50	.10
STOKESIA cyanea. Lavender-blue flowers. 1/4 oz. \$1.00.....	2	H.P.	3.00	.15
cyanea alba. A pure white flowering form. 1/4 oz. \$1.00.....	.....	.....	3.00	.15
Finest Mixed. A mixture of pink, purple, blue and white shades. 1/4 oz. 75 cts.....	.....	.....	2.50	.15



NAME AND DESCRIPTION.		Height in feet	Duration	Ounce	Pkt.
STOCKS. Fine for garden decoration; flowers double, of various colors and very fragrant.					
Marshall's Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.		2	H.A.		
Giant Perfection, Chamoise Rose. $\frac{1}{8}$ oz. \$1.25					\$0.25
Giant Perfection, Dark Blue. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Crimson. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Flesh Color. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Light Blue. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Pure White. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Rose. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Scarlet. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Yellow. $\frac{1}{8}$ oz. \$1.25					.25
Giant Perfection, Finest Mixed. All colors. $\frac{1}{8}$ oz. \$1.25					.25
Large Flowering Ten Weeks, Mixed Colors. $\frac{1}{8}$ oz. 75 cts.	1			4.00	.10
Large Flowering, Collection of Six Colors.					1.25
Large Flowering, Collection of Nine Colors.					2.00
Winter Flowering Stocks:					
Cut-and-Come-Again, Princess Alice. Double white. $\frac{1}{8}$ oz. \$1.25	2				.25
Beauty of Nice. Splendid rose color. $\frac{1}{8}$ oz. \$1.25	2				.25
Crimson King. Brilliant fiery crimson. $\frac{1}{8}$ oz. \$1.50					.25
Empress Elizabeth. Carmine rose. $\frac{1}{8}$ oz. \$1.50					
Giant Abundance. Carmine-rose. $\frac{1}{8}$ oz. \$1.50					.25
Mont Blanc. Pure white. $\frac{1}{8}$ oz. \$1.50					.25
Queen Alexandra. Delicate rosy lilac. $\frac{1}{8}$ oz. \$1.50					.25
White Lady. Large, double, snow white. $\frac{1}{8}$ oz. \$1.50					.25
Yellow, Monte Carlo. Clear yellow. $\frac{1}{8}$ oz. \$1.50					.25
East Lothian. Valuable for beds or borders and for greenhouses during the winter months. For early Summer flowering, the seed should be sown in the Fall and plants Wintered over in frames. Seed can be sown in the Summer and plants lifted for Winter flowering in the greenhouse.					
East Lothian, Crimson. 1-16 oz. \$1.00					.25
East Lothian, Brilliant Rose. 1-16 oz. \$1.00					.25
East Lothian, Purple. 1-16 oz. \$1.00					.25
East Lothian, Scarlet. 1-16 oz. \$1.00					.25
East Lothian, White. 1-16 oz. \$1.00					.25
East Lothian, Finest Mixed. 1-16 oz. \$1.00					.25
STREPTOCARPUS hybridus Choice mixed.	$\frac{1}{2}$		G.P.		.50
SUNFLOWER. Decorative plants with masses of yellow flowers.					
Double Californian. Orange.	5		H.A.	.40	.10
Single Russian. Enormous flowers.	4			.20	.05
Double Globe-Shaped. Orange.	6			.35	.10
Chrysanthemum Flowered. Rich golden yellow flowers.	7			.50	.10
cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small, single flowers.	3			.60	.10
Marshall's "Excelsior" cucumerifolius Hybrids. The colors vary from shades of red, purple, mahogany and yellow. Very free flowering and valuable for cutting. $\frac{1}{8}$ oz. 50 cts.					
Orion. A variety of Stella with twisted petals.	3		H.A.		.15
Red Hybrids, "The Red Sunflower." Large flowers in various shades of red and dark centers.	3			.60	.10
Stella (Improved Miniature Sunflower). Yellow.	6			.50	.10
cucumerifolius hybridus fl. pl. Splendid double varieties.	3			.60	.10
perennis Hybrids. Mixed hardy varieties.	3		H.P.		.25
SWEET SULTAN. (See Centaurea.)					
SWEET PEAS. See pages 50 and 51.					
SWEET ROCKET. (See ROCKET.)					
SWEET WILLIAM (Dianthus barbatus). Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers.					
Double Flowering, Mixed. $\frac{1}{4}$ oz. 30 cts.	$1\frac{1}{2}$		H.P.	1.00	.10
Single Flowering. Dark crimson. $\frac{1}{4}$ oz. 25 cts.				.60	.10
Carmine Beauty. A charming shade of color. $\frac{1}{4}$ oz. 75 cts.				2.00	.15
Diadem. A deep rich crimson, with white eye. $\frac{1}{4}$ oz. 50 cts.					.10
Giant White. A fine type of self-colored white. $\frac{1}{4}$ oz. 75 cts.				2.50	.10
Newport Pink. Salmon rose-pink flowers borne on long stems. $\frac{1}{4}$ oz. 75 cts.				2.00	.10
Scarlet Beauty. Intensely rich deep scarlet. $\frac{1}{4}$ oz. \$1.00				2.50	.10
Pink Beauty. Very free flowering. $\frac{1}{4}$ oz. 75 cts.				2.00	.15
Single Flowering, Finest Mixed Colors.				.50	.05
Single Annual Mixed. Flowers of good size. Will bloom the first year.	$\frac{3}{4}$			2.00	.10
Collection of Sweet William. Six varieties.					.50



NAME AND DESCRIPTION.

	Height in feet	Duration	Ounce	Pkt.
TAGETES, signata pumila. A dwarf, bushy Marigold with golden yellow flowers. Fine for bedding. $\frac{1}{4}$ oz. 30 cts.	1	H.A.	\$1.00	\$0.10
THUNBERGIA. Beautiful rapid-growing climbers. Mixed colors.	5	H.H.A.	1.00	.10
TORENIA. Tender trailing plants for vases or baskets.				
Fournieri. Velvety blue.	1	H.H.A.		.25
"The Bride." White and rose.				.25
TRITOMA semperflorens. Orange red. $\frac{1}{8}$ oz. 50 cts.	3	H.P.		.15
hybrida Mixed. Red and orange colors.	3			.25
TROPÆOLUM lobianum. (See NASTURTIUM.)				
VERBENA. One of our most valuable bedding plants.				
Helen Willmott. A very pretty bright salmon rose, with white eye.	1	H.A.		.15
Mammoth candidissima. Large trusses of white flowers. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Mammoth cœrulea. Bright blue and purple in various shades.	1		2.00	.15
Mammoth Lucifer. Intense brilliant scarlet with no eye. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Mammoth Mayflower. A beautiful pink variety. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
Mammoth Yellow. Primrose color. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.15
hybrida gigantea Mixed. A greatly improved strain producing giant florets in many colors. $\frac{1}{4}$ oz. \$1.00.	1		3.50	.15
Mammoth Finest Mixed. Extra choice. $\frac{1}{4}$ oz. 75 cts.	1		2.00	.10
Lemon Verbena (Aloysia citriodora). Scented leaves.		G.S.		.15
venosa. Purple flowers. Blooms the first year from seeds.	1	H.H.P.	1.00	.10
VERBASCUM phœniceum. Long, slender stems with numerous flowers in various colors, including white, pink, blue, mauve and purple. $\frac{1}{4}$ oz. 50 cts.	1	H.P.		.10
VERONICA spicata. Bright blue flowers.	1½	H.P.		.15
VINCA. Very showy for garden beds.	2	H.H.P.		
alba pura. Pure white. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
alba rosea. White, crimson eye. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
delicata. A beautiful soft rose color. $\frac{1}{4}$ oz. 50 cts.			1.50	.15
rosea. Rose, dark eye. $\frac{1}{4}$ oz. 60 cts.			2.00	.15
Mixed. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
VIOLA, Scotch or Tufted Pansies. Valuable for bedding and may be grown in the same manner as Pansies. Very free-flowering.	½	H.H.P.		
Golden Gem. Yellow. $\frac{1}{8}$ oz. 75 cts.				.15
Lady in White (Snowflake). $\frac{1}{8}$ oz. 75 cts.				.15
lutea grandiflora. Orange. $\frac{1}{8}$ oz. 75 cts.				.15
Mauve Queen. Pretty mauve. $\frac{1}{8}$ oz. 75 cts.				.15
Purple King. Purple, new. $\frac{1}{8}$ oz. 75 cts.				.15
White Perfection. The best white. $\frac{1}{8}$ oz. 75 cts.				.15
Finest Mixed. All colors. $\frac{1}{4}$ oz. \$1.00.				.15
VIOLET. Sweet-scented Violet, blue.	½	H.H.P.		
VISCARIA. Mixed colors; large, showy flowers.	1	H.A.	.50	.10
WALLFLOWER, Annual. Flowers July to Fall from seeds sown in February.				
Annual, Early Paris Market. Bright brown. $\frac{1}{4}$ oz. 35 cts.		H.A.	1.00	.15
Annual, Blood-Red. $\frac{1}{4}$ oz. 35 cts.	1		1.00	.15
Annual, Fine Mixed.	1		.50	.10
kewensis. A Winter-flowering variety. $\frac{1}{8}$ oz. 50 cts.	1		3.00	.15
Single Fine Mixed. Hardy varieties. $\frac{1}{4}$ oz. 25 cts.	1		.75	.10
Double Fine Mixed. Hardy varieties. $\frac{1}{8}$ oz. 75 cts.		H.H.P.		.15
XERANTHEMUM. Finest double mixed. $\frac{1}{4}$ oz. 30 cts.		H.H.P.		.10
ZINNIAS (Youth and Old Age). Bushy plants, bearing large, showy flowers during Summer and Fall.	2	H.A.		
elegans, Matchless Double. Crimson. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. Lilac. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. Purple. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. Rose. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. Scarlet. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. White. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. Yellow. $\frac{1}{4}$ oz. 75 cts.			2.00	.10
elegans, Matchless Double. Fine mixed. $\frac{1}{4}$ oz. 50 cts.			1.50	.10
Collection of Six Colors, Matchless Double Varieties.				.50
Achievement. It is distinct from other Zinnias by the shape of its petals, which are tubular at the base and expand in a Cactus-like form at the tips. Very large flowers in various shades.	2			.25
Dahlia Flowered. These are similar to the Double Dahlia in size and shape of flowers. Fine mixed.	2			.15
Dwarf Salmon Rose. A good bedder. $\frac{1}{4}$ oz. 50 cts.	1		1.50	.10
Dwarf, Scarlet Gem. Fine for bedding. $\frac{1}{4}$ oz. 50 cts.	2		1.50	.10
Dwarf. Large flowering, double mixed. $\frac{1}{4}$ oz. 35 cts.	1		1.00	.10
Haageana "Perfection." Small, double flowers in many colors, makes a beautiful border. Finest Mixed. $\frac{1}{8}$ oz. \$1.00.	½			.15
Tall Double Mixed. Very double; a fine strain.	2½		1.00	.05

SWEET PEAS

There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivalled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

MARSHALL'S SPENCER TYPE SWEET PEAS

The Spencer types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

	Pkt.	Oz.	¼ lb.
America. Bright scarlet-red flaked on white, of the Countess Spencer type.....	\$0.10	\$0.50	\$1.50
Apple Blossom Spencer. Rose standards, blush rose wings, beautifully waved.....	.10	.50	1.50
Asta Ohn. Lavender, tinted with mauve. Large and wavy wings.....	.10	.50	1.50
Barbara. The best salmon for exhibition purposes.....	.10	.75	2.50
Blanche Ferry Spencer. Rose standard with white wings.....	.10	.50	1.50
Blue Picotee. White ground, with a picotee edge of light blue.....	.10	.60	2.00
Captain of the Blues. Maroon purple, wings blue.....	.10	.50	1.50
Constance Hinton. Very large, black-seeded white.....	.10	.75	2.50
Countess Spencer. Soft rose pink; large, wavy petals.....	.10	.50	1.50
Dainty Spencer. White edged with rose.....	.10	.50	1.50
Dobbie's Cream. Beautifully frilled primrose.....	.10	.50	1.50
Edward Cowdy. The best orange scarlet.....	.10	.50	1.50
Elfrida Pearson. Blush pink deepening toward the edges.....	.10	.50	1.50
Fiery Cross. A fine red or scarlet, without any shading.....	.25	1.00	3.00
Florence Nightingale. One of the largest lavenders.....	.10	.50	1.50
Flora Norton Spencer. Bright blue with a small tint of purple.....	.10	.50	1.50
Glitters. Bright fiery orange standard, deep orange wings; large flowers.....	.25	1.00	3.00
Hercules. Rich clear rose-pink. Larger than Countess Spencer.....	.10	.50	1.50
Helen Lewis. A fine crimson-orange, wings orange-rose.....	.10	.50	1.50
Helen Pierce. White, mottled light blue.....	.10	.50	1.50
Illuminator. Brilliant salmon pink, very beautiful variety.....	.10	.50	1.50
Jean Ireland. Creamy buff, standards margined carmine-rose.....	.10	.50	1.50
King Edward Spencer. Bright crimson-scarlet.....	.10	.50	1.50
King White. A perfect white Spencer, immense petals; finely frilled.....	.10	.50	1.50
Lavender George Herbert. Bluish lavender. A grand flower.....	.10	.75	2.50
Lady Evelyn Eyre. Blush pink; white ground; very vigorous grower.....	.10	.50	1.50
Margaret Atlee. Salmon pink, suffused over a cream ground.....	.10	.50	1.50
Margaret Madison. Delicate azure blue, slightly shaded mauve.....	.10	.50	1.50
Marks Tey. Large maroon standard, bluish wings.....	.10	.50	1.50
Miram Beaver. Beautiful shell salmon pink, cream ground.....	.10	.50	1.50
Mrs. J. Balmer. A beautiful creamy-apricot pink.....	.10	.50	1.50
Mrs. Cuthbertson. Standard rose-pink, wings nearly white.....	.10	.50	1.50
Mrs. Tom Jones. A bright Delphinium blue. The finest blue variety.....	.25	2.00	....
Mrs. W. J. Unwin. Orange-scarlet, flaked on white; long stems.....	.10	.50	1.50
Nubian. Deep chocolate self; one of the best.....	.10	.75	2.50
Orchid. Rich deep lavender, slightly suffused pink on wings and standards.....	.10	.50	1.50
Othello. A rich deep maroon of true Spencer type.....	.10	.50	1.50
Primrose Spencer. Primrose or creamy yellow.....	.10	.50	1.50
Queen (Sutton's). Pink, on cream, distinctly waved.....	.10	.50	1.50
Queen Alexandra Spencer. Crimson scarlet.....	.10	.50	1.50
Robert Sydenham. A bright orange-salmon self-colored; immense size.....	.10	.50	1.50
Royal Purple. A rich royal-purple.....	.10	.50	1.50
Scarlet Emperor. One of the largest and brightest scarlets.....	.10	.75	2.50
Sincerity. The finest scarlet cerise.....	.10	.50	1.50
Sterling Stent. Salmon orange-pink. Beautifully waved.....	.10	.75	2.50
Wedgwood. Silvery blue; flowers well placed on long stems.....	.25	1.00	3.00
White Spencer. A pure white with long, strong stems.....	.10	.50	1.50

MARSHALL'S MATCHLESS MIXED SPENCER HYBRIDS

A mixture of 75 varieties of Spencer's, the grower of which was awarded a Silver Gilt Medal of the National Sweet Pea Society of Great Britain. Pkt. 10c., oz. 40c., ¼ lb. \$1.00, lb. \$3.50.

COLLECTIONS OF SPENCER SWEET PEAS

12 varieties of Spencer Hybrids named for \$1.00, 18 varieties named for \$1.50, 24 varieties named for \$2.00



SWEET PEAS

CUPID, OR DWARF SWEET PEAS

These grow about 9 inches high and are adapted for borders or beds.

Finest Mixed Colors. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

WINTER VARIETIES

The following are adapted for sowing in the Fall in the greenhouse for flowering during the Winter season.

GRANDIFLORA WINTER VARIETIES

	Pkt.	Oz.
Christmas Pink. Pink and White.....	\$0.10	\$0.30
Christmas White. A companion to Christmas Pink.....	.10	.30

NEW LONG SEASON

WINTER FLOWERING SPENCERS

These California novelties produce handsome flowers with long stems, are remarkable for their floriferousness and length of blooming period. They can be grown outside or are suitable for forcing under glass.



Sweet Pea. Wedgwood

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Early Heather Bell. A beautiful mauve-lavender.....	\$0.25	\$0.50	\$1.50
Early King. A glowing, rich, bright crimson.....	.25	.50	1.50
Early Lavender King. A true, deep lavender.....	.25	.50	1.50
Early Melody. A deeper shade of pink than Early Song Bird, on white ground.....	.25	.50	1.50
Early Morning Star. A deep orange-scarlet, with rich orange-pink wings.....	.25	.50	1.50
Mrs. Kerr. The best early flowering salmon. Immense flowers of a rich salmon overlaid or suffused with orange.....	1.00	5.00	....
Mrs. Warren G. Harding. A deep shade of silvery blue, known as the "Harding Blue".....	1.00	5.00	....
Early Snowflake. The best early flowering white-seeded Spencer.....	.25	.50	1.50
Early Snowstorm. Pure white.....	.25	.50	1.50
Early Song Bird. A beautiful soft shade of pink, very large flowers.....	.25	.50	1.50
Early Spring Maid. The color is a light pink on a cream ground.....	.25	.50	1.50
Early Warbler. Rich mauve purple.....	.25	.50	1.50

ORCHID FLOWERING VARIETIES

Fordhook Pink. Pink, suffused with lavender.....	.25	.50	1.50
Fordhook Rose. A charming shade of rosy carmine.....	.25	.50	1.50
Lavender Orchid. Very large lavender pink flowers.....	.25	.50	1.50
Mrs. A. A. Skaach. A beautiful bright pink self.....	.25	.40	1.25
Mrs. M. Spanolin. The purest white; black-seeded.....	.25	.40	1.25
Orchid Beauty. Dark rose, blushed with orange.....	.25	.50	1.50
Pink and White Orchid. Extra large flowers on long stems.....	.25	.50	1.50
President Wilson. Beautiful magenta rose.....	.25	.50	1.50
Red Orchid. Bright cherry red, very fine shape.....	.25	.50	1.75
Rose Queen. Beautiful rose-pink.....	.25	.40	1.25
Venus. Standard white, slightly blushed pink, wings white.....	.25	.40	1.25
White Orchid. One of the best whites. White-seeded.....	.25	.50	1.50
Yarrowa. The finest pink forcer.....	.25	.40	1.25

"MULFORD CULTURES" FOR SWEET PEAS

Sweet Peas flower earlier, longer and better treated with Mulford Cultures.
Small Size, 35c.; garden size, 75c.

HARDY EARLY-FLOWERING CHRYSANTHEMUMS

The early flowering Chrysanthemums are of great value for outdoor planting. They are all large flowered and mature their bloom early enough to avoid being hurt by frost.

The following list is selected from a large number of varieties for their freedom of bloom and variety of colors.

Bronze Source d'Or. A deep golden bronze.

Charles Jolly. Bright rosy pink.

Chatillon. Beautiful bronze yellow.

Crandifordia. Large yellow, tall, rather late.

Cranford's White. Large white flowers, shell pink when grown in the open.

Etoile d'Or. Beautiful yellow, large flower, medium height.

Firelight. Carmine, shaded scarlet.

Jack Bannister. Lemon-yellow, shaded copper.

L'Argentuilais. Deep chestnut color, fine for cutting.

Mrs. H. Craig. Groundwork of petals yellow, overlaid with brilliant orange crimson.

Normande. Very delicate pink or white, varying under growing conditions.

Perle Chatillonnaise. Creamy white, large flowers on long stems.

Plants from 2½-in. pots: Each 20c., doz. \$2.00, 100 \$15.00.

HARDY CHRYSANTHEMUMS

The Hardy Chrysanthemums should be in every garden as they give an abundance of flowers late in the Fall. Plants should be set in April and May to flower the same year.

LARGE FLOWERING, or ASTER VARIETIES

Delphine Dodge. A very fine rose pink.

Doris. Button type, reddish-bronze.

Excelsior. Bright orange yellow.

Golden Climax. The finest yellow Pompon.

Golden West. A rich golden yellow.

Lillian Doty. Beautiful shell-pink.

Maid of Kent. Early white, button type.

Niza. A very early delicate pink.

Skibo. A golden yellow, button type.

Vasco. Intense yellow, very early.

Uvalda. The earliest white.

White Doty. A grand, pure milk white.

Any of the above plants from 2¼-in. pots: Each 20c., doz. \$2.00, 100 \$15.00.



Hardy Chrysanthemum

CHRYSANTHEMUMS.

Greenhouse Varieties

Autocrat. A clear snow white, dwarf habit.

Chieftain. A deep clear pink, incurved.

Chrysolora. One of the best early yellows.

Dolly Dimple. A fine late yellow.

Dr. Enguehardt. A mid-season incurved pink.

Emil Sedwitz. An incurved pink for Thanksgiving.

Greystone. Chamoise bronze, dwarf habit.

Jeanne Nonin. A full late for December.

Plants from 2½-in. pots: Each 20c., doz. \$2.00, 100 \$15.00.

CHOICE SINGLE VARIETIES

Anna. A small white for bushy plants.

Amber. A bright golden amber.

Excelsior. A large scarlet bronze.

Chloris. Good yellow bronze.

Fascination. Clear yellow, early flowering.

Gold Finch. A delicate primrose with narrow petals.

Golden Mensa. Pure yellow; fine form.

Lily Neville. Pure white of fine substance.

Marion Sutherland. Large white.

Plants from 2½-in. pots: Each 20c., doz. \$2.00, 100 \$15.00.

Mrs. E. D. Godfrey. A lovely pink.

Mrs. Charles Cleary. Bronze red with yellow eye

Mizpah. Mauve pink, very dwarf.

Mensa. Pure white, splendid form.

Mrs. W. E. Buckingham. An exceptionally good pink.

Peggy Bulkley. A soft luminous pink.

Rosy Morn. Silver white.

Roupe Beauty. A fine deep plum.

Veronica. White, tipped pink.

**ANTIRRHINUM. Snapdragon**

One of the most widely grown plants for greenhouse flowering and outside bedding.

Keystone. Clear rose pink.

Nelrose. Deep pink.

Phelps' Giant White. The best white variety.

Roselle. Very early; fine rose pink.

Silver Pink. A beautiful shade of light pink.

Yellow Giant. Very large flowering; yellow.

Plants of any of the above in season, 2¼-in. pots: Doz. \$1.75, 100 \$12.00.

CARNATIONS. Choice Varieties

Alice. Clear blush pink.

Aviator. Scarlet.

Beacon. The standard red.

Benora. Color cream white, red markings.

Crystal White. Purest white.

Enchantress. Shell pink.

Enchantress Supreme. Salmon-pink.

Matchless. A very fine white.

Mrs. C. W. Ward. Pleasing shade of pink.

Nebraska. Brilliant scarlet.

Ruth Baur. Clear pink.

White Wonder. Snow white, fragrant.

Any of the above varieties, rooted cuttings, Spring delivery: Doz. \$1.50, 100 \$11.00.

Field grown plants (Fall delivery): Doz. \$3.50, 100 \$25.00.

Doz. 100

Hope Henshaw. A very bright pink, rooted cuttings. \$2.50 \$18.00

Laddie. A warm rose-salmon pink, very large flowers, rooted cuttings. 3.00 20.00

Maine Sunshine. The best clear yellow, rooted cuttings. 3.50 25.00

Thomas C. Joy. A pure glistening white, rooted cuttings. 3.00 20.00

GREENHOUSE PLANTS

	2¼-in. pots		3-in. pots	
	Doz.	100	Doz.	100
BEGONIA, Glory of Cincinnati.	\$7.00	\$50.00	\$10.00	\$75.00
Gloire de Lorraine.	7.00	50.00	10.00	75.00
Melior.	7.00	50.00	10.00	75.00
Mrs. J. A. Peterson.	7.00	50.00	10.00	75.00
BOUVARDIA. Single pink or white.	3.00	20.00	.....	.....
BUDDLEIA Asiatica. White.	4.00	30.00	7.00	50.00
Farquharii. Pale pink.	5.00	35.00	.....	.....
CALENDULA, Selected Double Orange King.	1.50	10.00	.....	.....
CINERARIA. Marshall's Half Dwarf Hybrids.	2.00	15.00	.....	.....
CYCLAMEN giganteum. Mixed.	3.00	20.00	5.00	35.00
GARDENIA.	2.50	18.00	3.50	25.00
MARGUERITE, Mrs. F. Sander. Double white.	2.00	14.00	3.00	20.00
Boston Yellow Daisy.	2.00	14.00	3.00	20.00
Blue Daisies.	1.50	10.00	.....	.....
POINSETTIAS.	3.00	20.00	4.50	35.00
PRIMULA obconica grandiflora.	2.00	12.00	2.50	16.00
malacoides.	2.00	12.00	2.50	16.00
sinensis fimbriata.	2.00	12.00	3.50	20.00
POLYANTHUS, Sim's Giant Yellow.	2.50	16.00	2.50	25.00
SMILAX. A popular greenhouse climber.	1.50	10.00	.....	.....
STEVIA serrata. Dwarf or Tall.	1.50	10.00	2.50	16.00
Double white.	1.50	10.00	2.50	16.00
SWAINSONA alba.	2.00	12.00	3.00	20.00
VIOLETS, Marie Louise. Best double. Field grown roots of Violets (Fall delivery).	3.00	20.00	.....	.....
Princess of Wales. Best single. Field grown roots of Violets (Fall delivery).	3.00	20.00	.....	.....

Orders for any of the above plants will be shipped in their season of delivery. Prices subject to change.

BEDDING PLANTS

	Doz.	100		Doz.	100
AGERATUM. Blue.	\$1.50	\$10.00	FORGET-ME-NOT. Blue.	1.00	7.00
ASTERS. Double, assorted.	1.00	6.00	FUCHSIAS. Named varieties.	1.50	10.00
BEGONIA Vernon.	1.50	10.00	GERANIUM. Named varieties.	3.00	22.00
Luminosa.	1.50	10.00	Ivy-leaved Sorts.	2.50	20.00
CANNAS. From 3-in. pots.			HELIOTROPE, Chieftain. Blue.	2.00	12.00
King Humbert. Scarlet.	2.00	15.00	Mme. de Blonay. White.	2.00	12.00
Mad. Crozy. Red and yellow.	2.00	15.00	LOBELLIAS. Blue Dwarf.	1.50	10.00
Mrs. Alf. Conard. Salmon-pink.	3.00	20.00	LEMON VERBENA.	1.50	10.00
Richard Wallace. Canary yellow.	2.00	15.00	MOONFLOWER. White flowers.	2.00	15.00
Queen Charlotte. Orange.	2.00	15.00	PANSIES. Large, fancy mixed.	1.00	7.00
Venus. Rose pink, mottled white.	2.00	15.00	PETUNIA. Double varieties.	1.50	.....
Mixed French Varieties.	2.00	15.00	Single varieties.	1.00	10.00
CENTAUREA gymnocarpa.	1.50	10.00	SALVIA Bonfire. Scarlet.	1.25	9.00
COBÆA scandens. Blue.	1.50	10.00	Zurich. Dwarf.	1.25	9.00
COLEUS. In variety.	1.25	8.00	VERBENAS. Finest mixed.	1.25	8.00
			VINCAS, rosea and alba.	2.50	15.00

AQUATIC PLANTS FOR FOUNTAINS, LAKES, ETC.

CHOICE HARDY NYMPHÆAS

The following are a selection of the best hybrids for ponds and fountains. We recommend planting in May.

	Each
<i>Eugenia de Land</i> . Extra large, deep rose-pink flowers.....	\$1.75
<i>Gladstonia</i> . One of the finest white Lilies in cultivation.....	1.25
<i>Helen Fowler</i> . Color very deep pink and very fragrant.....	1.25
<i>Marliacea albida</i> . Flowers large, white; stamens yellow; fragrant.....	1.00
<i>Marliacea carnea</i> . A soft flesh pink, deepening at the base of petals.....	1.25
<i>odorata</i> . The fragrant Pond Lily of the North. Pure white.....	.35
<i>odorata</i> , W. B. Shaw. A rich rose-pink color and very fragrant.....	1.25
<i>odorata sulphurea</i> . Sulphur yellow; fragrant flowers.....	1.25

TENDER NYMPHÆAS

Tender Nymphæas should be planted about the first of June, when warm, settled weather is assured.

Day Blooming

	Each
<i>gracilis</i> . Flowers white, 6 to 8 in. across.....	\$2.25
<i>Mrs. C. W. Ward</i> . Color deep rosy pink, with golden yellow stamens.....	2.25
<i>pulcherrima</i> . A beautiful, light blue variety.....	2.25
<i>William Stone</i> . A rich violet blue. Very desirable.....	2.25
<i>zanzibariensis</i> . A superb variety of the deepest purple.....	1.75
<i>zanzibariensis rosea</i> . Flowers rose, of various shades.....	1.25

Night Blooming

	Each
<i>Bissetii</i> . Beautiful rose-pink, flowers 8 to 10 in. in diameter.....	2.00
<i>dentata</i> . Pure white, free blooming.....	1.25
<i>Deaniana</i> . Strong growing, flowers pale pink.....	1.75
<i>Frank Trelease</i> . Large rich crimson flowers, leaves mottled.....	1.75
<i>rubra rosea</i> . Rosy carmine. Very free blooming.....	1.25

NELUMBIUMS

They are of easy culture and are hardy, providing the tubes are kept free from frost.

	Each
<i>album grandiflorum</i> . Large, pure white flowers, fragrant.....	2.25
<i>luteum</i> (The American Lotus). Flowers creamy yellow.....	1.75
<i>Perkinsis rubrum</i> . Flowers brilliant rosy crimson.....	3.00
<i>speciosum</i> (Egyptian Lotus). Beautiful rose flowers, free flowering.....	1.75

MISCELLANEOUS AQUATICS

	Each	Doz.
<i>CYPERUS alternifolius</i> . An excellent plant for growing in water and damp places.....	\$0.25	\$2.50
<i>EICHHORNIA crassipes major</i> (Water Hyacinth). A very showy, floating aquatic, bearing flowers of a delicate lilac rose in trusses.....	.25	2.50
<i>JUSSLÆA longifolia</i> . Rich golden yellow flowers. A good plant for tubs or ponds.....	.25	2.50
<i>LIMNANTHEMUM indicum</i> (Water Snowflake). Show white flowers.....	.25	2.50
<i>LIMNOCHARIS Humboldt</i> (The Water Poppy). A pretty little aquatic with oval leaves and yellow flowers.....	.25	2.50
<i>MYRIOPHYLLUM proserpinacoides</i> (Parrot's Feather). A trailing aquatic plant.....	.25	2.50

PALMS AND DECORATIVE PLANTS

ADIANTUM gloriosum. The hardiest Maidenhair.
4-in. pots, each \$1.50; 5-in. pots, each \$2.00.

ASPARAGUS plumosus nanus. Graceful, climbing Asparagus; beautiful, bright green, feathery foliage. 3-in. pots, doz. \$3.00; extra size, 4-in. pots, doz. \$4.50.

Sprengeri. Fine for baskets. 3-in. pots, doz. \$3.00; 4-in. pots, doz. \$4.00.

COCOS Weddelliana. Fine for table decorations. 3-in. pots, each 75c.; 4-in. pots, each \$1.50.

DRACÆNA indivisa. Long, graceful foliage. Extensively used for vases. 4-in. pots, each 75c., doz. \$7.50; 5-in. pots, each \$1.00, doz. \$10.00.

KENTIA Belmoreana or **Forsteriana**. The most popular parlor palm. 3-in. pots, each \$1.00; 4-in. pots, each \$2.00; 5-in. pots, each \$4.00; 6-in. pots, each \$5.00.

NEPHROLEPIS Bostoniensis (Boston Fern).
4-in. pots, each \$1.00; 5-in. pots, each \$1.50; 6-in. pots, each \$2.00.

Scottii. Fine for house decoration. 4-in. pots, each \$1.00; 5-in. pots, each \$1.50.

PANDANUS Veitchii. Graceful, light green leaves, beautifully marked, with broad stripes and bands of pure white. 5-in. pots, each \$3.50; 6-in. pots, each \$5.00.

PHŒNIX Roebelenii. Combines the graceful appearance of the Cocos and the hardness of the Kentia. 4-in. pots, each \$3.00; 5-in. pots, each \$5.00.

PTERIS FERNIS. In variety. For fern dishes and decorating. Doz. \$2.00, 100 \$12.00.

TABLE FERNS. In variety. For fern dishes and ferneries. Doz. \$2.00, 100 \$12.00.



SUMMER FLOWERING BULBS

AGAPANTHUS

umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. Each 50c., doz. \$5.00.

umbellatus albus. White. Each 50c., doz. \$5.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

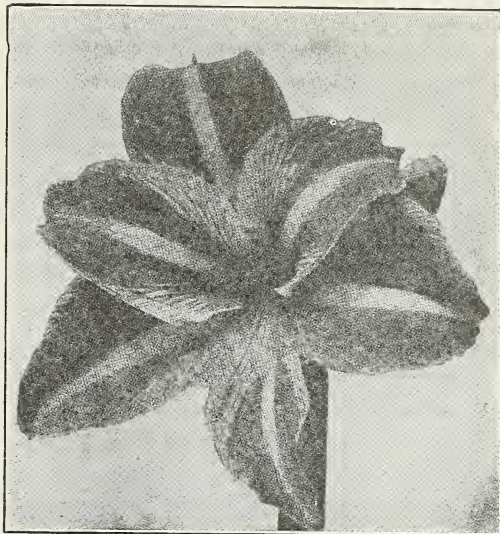
formosissima (Jacobean Lily). Brilliant scarlet. Each 35c., doz. \$3.50.

Hippeastrum, Veitch's and Ker's New Hybrids. The finest race of Amaryllis in cultivation. Each \$1.50, doz. \$15.00.

Johnsonii. Crimson, striped with white. Extra large bulbs. Each \$1.00, doz. \$10.00.

Regina. Soft light scarlet with white center and throat. Each 50c., doz. \$5.00.

vittata Hybrids. Mixed colors. Each \$1.00, doz. \$10.00.



Amaryllis vittata

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

	Each	Doz.	100		Each	Doz.	100
Crimson	\$0.25	\$2.50	\$18.00	White	\$0.25	\$2.50	\$18.00
Pink.....	.25	2.50	18.00	Yellow.....	.25	2.50	18.00
Dark Red.....	.25	2.50	18.00	Mixed.....	.25	2.50	18.00
Salmon Pink.....	.25	2.50	18.00				

DOUBLE TUBEROUS-ROOTED

	Each	doz.	100		Each	Doz.	100
Crimson	\$0.30	\$3.00	\$20.00	Scarlet	\$0.30	\$3.00	\$20.00
Pink.....	.30	3.00	20.00	White.....	.30	3.00	20.00
Salmon Pink.....	.30	3.00	20.00	Yellow.....	.30	3.00	20.00

CALADIUM ESCULENTUM (Elephant's Ear)

Grand tropical plant. A favorite for specimens on the lawn. Height 3 to 4 ft.	Each	Doz.	100
First Size Bulbs, 5 to 7 in. in circumference	\$0.10	\$1.00	\$7.00
Large Bulbs, 7 to 9 in. in circumference.....	.15	1.50	10.00

FANCY-LEAVED CALADIUMS

Beautiful variegated leaved plants adapted for pot culture or bedding if given sheltered positions.

	Each	Doz.	100
Fancy-Leaved Named Varieties. Standard sorts.....	\$0.35	\$3.50	\$25.00
Fancy-Leaved Mixed Varieties.....	.30	3.00	20.00

CALLAS (Richardia)

aurata (Lemon Calla). Flowers light lemon-yellow, with a jet black center. Very showy.....	\$0.25	\$2.50	\$18.00
Elliottiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth. Leaves are beautifully spotted with white.....	.50	5.00	35.00
Godfrey Everblooming. The finest white variety; blooms from very small plants continuously. Pot-grown plants.....	.25	2.50	20.00

CINNAMON VINE

DIOSCOREA Batatas. A rapid growing Summer climber, with bright green, glossy foliage and spikes of Cinnamon-scented white flowers.....	\$0.10	\$0.90	\$5.00
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**HYACINTHUS CANDICANS (Cape Hyacinth)**

A snow white, Summer flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from twenty to thirty pure white, bell shaped flowers. Each 10c., doz. \$1.00, 100 \$6.00.

ISMENE. Calathina Grandiflora

The flowers are very large, like an Amaryllis, novel in form and snow white in color. Each 15c., doz. \$1.50, 100 \$10.00.

LILIES

When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least 6 inches deep, as early as possible in the Spring.

	Each	Doz.	100
auratum (Golden Banded Lily). The grandest of all hardy Lilies.			
Extra large bulbs, 9 to 11 in.	\$0.55	\$5.50	\$40.00
Mammoth bulbs, 11 to 13 in. ....	.70	7.00	50.00
Monster bulbs, 13 to 15 in.	1.20	12.00	90.00
Batemanni . Reddish orange flowers. ....	.30	3.00	20.00
canadense . Lovely, nodding blossoms; bell shaped; yellow, spotted black. ....	.20	2.00	12.00
canadense flavum . Yellow flowers. ....	.30	3.00	20.00
canadense rubrum . A fine red Lily. ....	.30	3.00	20.00
davuricum . Upright, scarlet flowers, dotted black; 2 to 3 ft. high. ....	.15	1.50	10.00
elegans , Mixed. Fine mixed varieties. ....	.15	1.50	11.00
Hansoni . Flowers reddish orange. ....	.65	6.50	50.00
Henryi (The Yellow Speciosum). Bright orange yellow. Selected bulbs. ....	.75	8.50	60.00
myriophyllum . Flowers white, slightly suffused pink, with yellow center.	1.00	10.00	70.00
pardalinum (Leopard Lily). Rich scarlet and yellow flower, spotted with rich brown. ....	.25	2.50	15.00
speciosum album . Beautiful pure white flowers of large size.			
Extra large bulbs, 8 to 9 in. ....	.40	4.00	30.00
Mammoth bulbs, 9 to 11 in. ....	.55	5.50	40.00
Monster bulbs, 10 to 12 in. ....	.65	6.50	50.00
speciosum rubrum, magnificum or melpomene . White, shaded rose and spotted deep red.			
Extra large bulbs, 9 to 11 in. ....	.45	4.50	35.00
Mammoth bulbs, 11 to 13 in. ....	.60	6.00	45.00
Monster bulbs, 13 to 15 in.	1.00	11.00	80.00
superbum . Flowers bright orange red, thickly spotted with purple. ....	.20	1.75	12.00
tigrinum flore plena (Double Tiger Lily). ....	.25	2.50	16.00
tigrinum splendens (Single Tiger Lily). ....	.25	2.50	16.00
tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flowers. ....	.20	1.50	10.00

MONTBRETIAS

Hardy Summer flowering bulbous plants. They should be planted in groups and left undisturbed.

Fire King . Bright scarlet, large flower.	\$0.10	\$1.00	\$7.00
George Davidson . Yellow, large flowers. Stems 3 to 4 ft. ....	.10	1.00	7.00
King Edmund . Giant golden yellow with brown markings on throat. ....	.20	2.00	12.00
Lord Nelson . Deep orange scarlet, yellow eye, large flower, 3½ ft. ....	.20	2.00	12.00
Messidor . Creamy white, very large flower. ....	.20	2.00	12.00
Westwick . Orange red, with clear yellow eye, large flower. ....	.15	1.50	10.00

MADEIRA, or MIGNONETTE VINE

A beautiful climbing vine of rapid growth. Large tubers. Each 10c., doz. \$1.00, 100 \$7.00.

OXALIS

Summer flowering for beds or borders. Mammoth bulbs. Doz. 30c., 100 \$2.00.

Deippei . Pure white.	Shamrock . Clover like foliage; pink flowers.
lasianandra . Rosy pink, cut foliage.	Mixed Colors . Several varieties.

ZEPHYRANTHES

(ZEPHYR FLOWER)

candida . Pure white, free flowering.	\$1.00	\$6.00
rosea . Beautiful clear rose, very large flowers.	2.00	15.00
striata . Fine flower, pink and white.	1.00	6.00

TUBEROSES

One of the most fragrant and popular of the Summer flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May.

Excelsior Double Pearl . Extra fine bulbs.	\$0.10	\$1.00	\$7.00
Armstrong's . The single everblooming Tuberose. ....	.10	1.00	7.00



CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalogue prices.

	Doz.	100
American Red Cross. A glowing cardinal scarlet. Large deep green leaves.....	\$1.50	\$10.00
Buttercup. Bright buttercup yellow. Green leaved.....	1.00	7.00
City of Portland. A beautiful pink bedding variety. Green foliage. 3 ft.....	1.50	10.00
Eureka. A very free blooming creamy white with green foliage.....	1.75	12.00
Firebird. A clear, glistening scarlet flower, with green leaved foliage.....	1.75	12.00
Gladio-Flora. Crimson, changing to carmine rose, edged gold; 4 ft.....	1.00	7.00
Hungaria. The ideal pink bedder; large trusses of flowers; 3 ft.....	1.50	10.00
King Humbert. Bronze foliage, with orange scarlet flowers; 4 ft.....	1.50	10.00
Maros. Very free flowering, creamy white; one of the best.....	1.50	10.00
Meteor. The best brilliant crimson; a vigorous, healthy grower; 5 ft.....	1.25	8.00
Mrs. Alf. Conard. Exquisite salmon pink; very free flowering; 4 ft.....	2.00	15.00
Panama. An attractive rich orange red, with edge of golden yellow; 3 ft.....	1.00	7.00
Wintzer's Colossal. The largest Canna. Vivid scarlet flowers; 5 ft.....	1.75	12.00
Yellow King Humbert. A beautiful yellow, lightly spotted red, with green foliage; 5 ft...	1.50	10.00

DAHLIAS

The renewed popularity of the Dahlia in recent years has brought out many new sorts, and any one wishing to get the **cream** will find most of them in our collection, which can be recommended either for growing in competition, market purposes, or private collections, and embrace all classifications.

CACTUS AND HYBRID CACTUS DAHLIAS

The following varieties comprise the cream of the novelties which have proved to be of extra merit.

	Each	Each
Attraction. Clear lilac rose, strong stems.....	\$1.00	\$0.50
Bianca. Fine shade of lavender pink, long stems.....	1.00	
Crystal. Silvery pink, white center, twisted petals, good stems.....	.50	
Countess of Lonsdale. Deep salmon red.....	.50	
Conquest. Deep crimson maroon, large flower with twisted petals.....	.50	
Diana. Giant crimson, shaded violet.....	.75	
Dr. Roy Appleton. Lemon yellow suffused with salmon; fine in every way.....	.50	
Edith Carter. Yellow, heavily tipped with carmine. Fine for cutting.....	.75	
E. F. Hawes. Clear pink, free flowering....	.75	
Extase. Beautiful lavender shaded white in the center.....	.50	
F. W. Fellows. Orange with terra cotta shadings.....	1.50	
Garibaldi. Brilliant rich scarlet.....	1.00	
Geo. Walters. Rich salmon pink, shaded gold to center, fine for every purpose.....	1.50	
Gen. J. B. Seth. Rich scarlet, with brilliant orange shadings.....	.50	
Gladys Sherwood. Giant white, fine stems.....	3.00	
Golden Gate. Clear golden yellow, with russet tinge. Large flowers.....	.50	
Golden West. Fine old gold color, excellent.....	.50	
Hoffnung. Chamois rose, with creamy center tipped gold.....	.50	
Jersey's Pride. Fine blending of yellow, amber and pink; fine stems. Tubers \$10.00; plants.....	5.00	
Kalif. Pure deep scarlet, perfect flower....	.75	
La Favorite. Beautiful shade of orange....	1.00	
Lady Helen. Deep pink, tinted creamy white.....	3.00	
Johannesburg. Beautiful deep yellow with golden sheen; fine for every purpose.....	.50	
John Riding. Deep rich crimson; very fine..	.50	
Matador. Pink, suffused with rosy lake....		.50
Margaret Bouchon. Fine pink with white center; fine for cutting.....		.50
Melody. Clear yellow, tipped white, narrow petals.....		.50
Miss Stredwick. Beautiful clear pink.....		1.00
Mrs. H. J. Jones. Variegated crimson and white.....		.50
Mrs. T. A. Monroe. Amber and gold shadings.....		.50
Mrs. Warnaar. Creamy white, tinted lavender pink, enormous flowers.....		1.50
Monmouth. Fine shade of ruby, very large. Tubers, \$10.00; plants.....		5.00
Nerthus. Bronzy orange yellow, shading to carmine rose tips.....		.75
Niebelungenhort. Salmon rose, with golden suffusion, large flowers.....		1.00
Perriott. Deep amber, shading to salmon center, white tips. Beautiful exhibition flower.....		1.50
Prima Donna. Creamy white, petals tipped mauve pink.....		.75
Queen of Hearts. White with sulphur shadings.....		.50
Red Cross. Yellow, with salmon-red shadings.....		1.50
Rapiere. Pure gold tinted with salmon....		1.00
Rheinischer Frohsin. Creamy white with carmine rose tips.....		1.00
Ruth Gleadell. Fine yellow, pink suffusion on outer petals.....		1.00
Sweet Briar. Exquisite pink.....		.50
Tom Lundy. Rich velvety red; fine for cutting.....		.75
Yellow King. Sulphur yellow, shading to cream at tips.....		.75
Violetta. Fine shade of violet; very free. Plants.....		5.00

SUPERB DECORATIVE DAHLIAS

Agnes Haviland. Rose pink, slightly suffused yellow, long stems. Tubers \$6.00; plants...\$3.00	
Azalea. Soft creamy yellow, outer petals suffused pink.....	1.00
Beatrice Slocombe. Beautiful old rose....	2.00
Bessie Boston. Very fine red, fluted petals..	.75
Break of Day. Clear sulphur yellow, shading to white at the tips.....	1.50
Chenango. Vermilion; fine flower.....	5.00
Catherine Wilcox. A beautiful variegated pink and white, dependable variety in every way. Tubers, \$6.00; plants.....	3.00
Cambria. Rich rose pink, shading to white in center; very large.....	3.00
Copper. Copper shades tinted bronze and apricot.....	1.00
Dakota. Flame color, very fine flower. Tubers, \$6.00; plants.....	3.00
Delice. Beautiful pink, medium size.....	.50
Dream. Exquisite shade of peach pink, with amber glow.....	.75
De Palma. Beautiful watermelon pink.....	.50
Dr. Tevis. Very large old rose suffused with gold, shaded amber.....	1.00
Fireburst. Orange scarlet. Very large.....	.75
Futurity. Beautiful combination of shrimp pink and old rose.....	1.50
Glory of New Haven. Clear lavender pink...	2.00
Graydon Slocombe. Salmon overlaid with apricot, shading to yellow center.....	5.00
Hortulanus Fiet. Beautiful shrimp pink, salmon and gold suffusion.....	.75
Jane Selby. Delicate mauve pink.....	2.50
John Lewis Childs. Yellow suffused, striped, and splashed with scarlet, tipped white....	5.00
Judge Marean. Orange with salmon pink suffusion, tinted yellow. Tubers \$6.00; plants	3.00
King Albert. Rich purple, broad twisted petals	1.50
King of the Autumn. Buff yellow, suffused with terra cotta, erect, stout stems.....	.75
Insulinde. Beautiful golden orange; large broad, waxy petals, magnificent variety...	2.00
Lady Betty. Creamy white, points of petals tipped pink. Tubers, \$6.00; plants.....	\$3.00
La Grosse Bete. Enormous dark cerise blooms. Tubers, \$6.00; plants.....	3.00
Le Grand Manitou. White, striped and mottled purple.....	.50
Le Toreador. A splendid red flower. Tubers, \$6.00; plants.....	3.00
Madonna. Pearly white, flesh tint.....	.75
Mildred Slocombe. Delicate mauve with golden sheen, good stems.....	2.50
Millionaire. Dainty lavender with pink sheen, shading to white in center.....	2.50
Mrs. J. I. Van de Warner. Mauve pink. Tubers, \$10.00; plants.....	5.00
Mrs. J. H. Slocombe. Soft shade of coral red.....	2.00
Mrs. F. C. Burns. Shell pink, very striking.	1.00
Mrs. J. W. Rowe. Yellow with amber shadings.....	2.00
Mrs. Nathaniel Slocombe. Fine yellow...	1.00
Mrs. C. H. Breck. Soft yellow, deeply suffused with carmine.....	.75
Mina Burtle. Glowing deep scarlet.....	.50
Patrick O'Mara. Orange-buff, tinged Neyron rose.....	3.00
Peace. Beautiful pure white.....	1.00
Pride of California. A perfect red.....	1.00
Princess Pat. Large old rose flower.....	3.00
Miss E. L. Hathaway. Old gold with the reverse of petals shaded crimson.....	1.00
Purity. Pure white, free blooming.....	1.00
Royal Purple. Clear purple, good size.....	.50
Scarlet Bedder. The finest dwarf bedding variety, bright scarlet, stiff, upright habit, fine for pot work. Tubers, \$10.00; plants..	5.00
Scottish Chief. Deep amber tipped pink..	2.00
Stunner. Very large canary yellow.....	1.00
Souv. de Gustave Douzan. Fine brick red..	.50
Venus. White with pink and cream suffusion. Tubers, \$6.00; plants.....	3.00
Wm. Slocombe. Bright yellow, very fine...	2.00

PAEONY-FLOWERED DAHLIAS

Annie Slocombe. Canary yellow, deep salmon shadings, very fine.....	1.50
Black Beauty. Immense dark maroon.....	1.50
Bertha von Suttner. Blush rose with salmon tints.....	.50
Cream King. Soft shade of cream.....	.75
California. Deep yellow.....	1.50
Edith Cavell. Orange suffused and shaded old gold. Large flowers.....	2.00
Duchess of Brunswick. Apricot shaded orange.....	.50
Dr. Peary. Mahogany red.....	.75
Edith Wooster. Yellow with sunset red suffusion. An unusual color.....	2.00
Elsa. Very large, pure white.....	1.00
Gorgeous. Yellow shading to bright scarlet.	5.00
Gertrude Dahl. A lovely shade of soft pink.	1.50
Geisha. Red and gold in fine combination..	1.50
Hal Curtis. Old rose and salmon.....	.75
James Robertson. Salmon buff with apricot shadings.....	2.00
Jessie Williams. Soft dove color, suffused with lilac rose.....	1.00
Latona. Straw yellow, shading to buff....	.75
Leo XIII. Clear bright yellow, strong stems.	1.00
Meyerbeer. Crimson with purple shadings.	.75
My Lady. Tomato red with cerise and gold shadings; fine for cutting.....	1.00
Mrs. Geo. Gordon. Large creamy white...	.50
Mrs. Hugh Dickson. Amber with salmon shadings.....	.75
Mrs. Jessie Seal. A beautiful salmon pink..	1.00
Mrs. Marion Douglas. Very large creamy yellow.....	2.00
Mrs. W. C. Noonan. Very fine pink.....	3.00
Minnie Crussard. White overlaid with carmine	.75
Pacific Glow. Fine pink, long twisted florets.	3.00
Peg O' Me Heart. Old rose with slight shading of golden yellow.....	1.00
Queen of Autumn. Buff color.....	1.00
Queen Wilhelmina. Pure white.....	.50
Salvator. Deep rose pink, long stems.....	.50
September Morn. Dark cerise with silvery reverse. A magnificent Dahlia. Tubers \$6.00; plants.....	3.00
Sunbeam. Creamy yellow; handsome flowers.	1.00
The Choctaw. Pale mahogany; very large. Tubers \$6.00; plants.....	3.00
U. S. A. Vivid orange, very fine.....	5.00
Violet Bemish. Fine lavender for cutting..	.75
Weber. Fine pink with lavender tint.....	.75
Zeppelin. Rosy lavender; free flowering...	.50



COLLARETTE DAHLIAS

The flowers are single, with a smaller row of collar petals around the center.

Achievement. Deep maroon, white collar.	\$0.50
Ami Nonin. Old rose red and white collar.	.50
Cream Cup. Creamy-white, white collar.	1.00
Frogmore. Cardinal scarlet, yellow collar.	.50
Geant de Lyon. Velvety maroon, cream collar.	.50
San Mateo Star. The largest collarette.	
Clear cerise, petals edged white, white collar.	1.00
Souv. de Chabanne. Yellow suffused scarlet, with yellow collar.	1.00

POMPON DAHLIAS

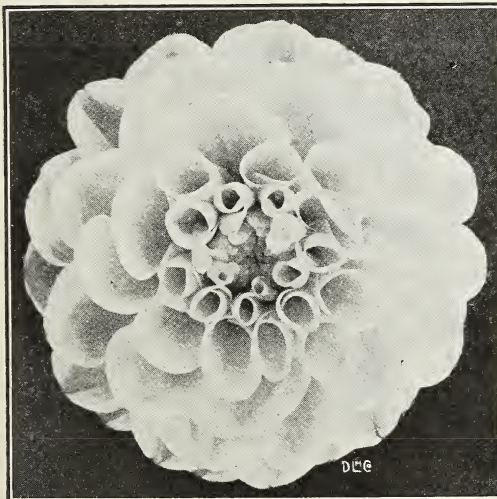
This class produces small, very double quilled flowers, which are ideal for bouquet work.

Amber Queen. Amber buff, shaded apricot.	\$0.35
Bobbie. An attractive shade of plum color.	.50
Brunette. Crimson and white.	.35
Belle of Springfield. Bright brick red.	.35
Daisy. Salmon color.	.35
Darkest of All. Dark maroon, nearly black.	.35
Douglas Tucker. Yellow with crimson center.	.50
Fashion. Orange buff.	.35
Fascination. Lavender pink.	.35
Girlie. Beautiful lilac.	.50
Golden Beauty. Best bright yellow.	.50
Guiding Star. Pure white.	.50
Highland Mary. Fine pink shading to white.	.50
Little Beauty. Light pink.	.50
Little Dear. Old rose and salmon.	.50
Nerissa. Soft pink, tinted silver.	.50
Pride. Crimson scarlet.	.50
Sammy. Old gold.	.50
Snowclad. Pure white, very dainty flower.	.35
Sunset. Orange.	.50
San Toy. White tipped carmine.	.50

CHOICE SHOW DAHLIAS

The following are a selection of the best varieties for cut flowers.

A. D. Livoni. Pure pink.	\$0.50
American Beauty. Crimson purple.	1.00
Black Beauty. Purple maroon.	.50



Show Dahlia



Collarette Dahlia

Camelliaflora. Pure white.	\$0.50
Clara Seaton. Golden bronze; very large.	.50
David Warfield. Beautiful deep cherry red.	.75
Dreer's White. Pure glistening white.	.50
Dreer's Yellow. Pure yellow.	.75
Elsie Burgess. White with lavender tips.	.50
Frank Smith. Maroon, white tips.	.50
General Miles. Variegated purple and white.	1.00
Glory of Lyon. The best white variety.	.75
Grand Duchess Marie. Rich buff, overlaid orange. Fine bloomer.	.50
Golden Spray. A very fine yellow.	.50
Grand Duke Alexis. Pearly white, lavender tips.	.50
King of Shows. Deep yellow, immense size.	1.00
Maude Adams. White, overlaid pink.	.50
Maritana. Mauve, fine quilled petals.	.75
Mrs. Roosevelt. White and silvery rose.	1.00
Red Jacket. A fine red variety.	.50
Rose. Rose color, very fine for every purpose.	.50
Stradella. Dark purplish crimson.	.50
Vivian. White, edged rose pink.	.75
W. W. Rawson. White with lavender blush.	.75
Yuban. Yellow and gold, large flower.	1.00

CHOICE SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties.

Edna Sharpe. Salmon bronze.	\$1.00
Jack. Flame color.	.50
Miss Emma. Red and orange.	.75
Mrs. O. P. Chapman. Scarlet.	1.00
Newport Angel. White.	1.00
Newport Gem. Magenta rose.	1.00
Newport Jewel. Scarlet.	1.00
Newport Triumph. Bronze.	1.00
Newport Wonder. Salmon buff.	2.50
Newport Beauty. Pink.	.75
Sadie. Beautiful pink striped maroon.	.50
Sensation. Red, blotched pure white.	.50
Tango Century. Bronze.	1.00
The Bride. White.	1.00
Twentieth Century. White and rose pink.	.50

GLADIOLUS

KUNDERDI RUFFLED VARIETIES

The following include some of the best varieties introduced by R. S. E. Kunderd in the ruffled petal type. The flowers and spikes are unusually large, and are extensively grown for exhibition purposes.

	Each	Doz.	100
Crinkles. Deep peach blossom pink; intensely ruffled.....	\$1.00	\$10.00	
Cymbaline. A very showy red of unusual color.....	.20	1.75	\$12.00
Giant White. An extra large white of great substance, with elegant, slight marking on lower petals.....	.20	2.00	15.00
Ida Van. A most beautiful deep salmon red or flaring orange pink.....	.12	1.25	8.00
Ivory. Ivory white with light markings on throat. Intensely ruffled.....	.20	2.00	15.00
Joe Coleman. Very large and vigorous rich red; ruffled.....	.25	2.50	16.00
Kunderdi Glory. Beautiful creamy apricot with tint of pink and fine marking of red on lower petals; ruffled.....	.20	1.75	12.00
Little Diamond. Rich salmon pink, flaked deeper salmon and penciled throat. Beautifully ruffled.....	.20	2.00	15.00
Mrs. A. E. Kunderd. A large flowered, tall white with slight tint of blush pink.....	.20	2.00	15.00
Orange Glory. Grand orange colored with beautiful lighter throat; ruffled.....	.35	3.50	25.00
Pride of Goshen. A salmon pink; flowers very large and elegantly waved.....	.25	2.50	18.00
Red Amaryllis. Brilliant blood red flower of giant size.....	.25	2.50	18.00
Summer Beauty. A grand pink; very choice deep salmon; distinct shade. Tall and showy.....	.20	2.00	15.00
Theresa. Fine pink blushed white, beautifully penciled throat; half ruffled. Very free flowering, three and four spikes from each bulb.....	.20	2.00	15.00
Violet Beauty. Tall, large cerise violet with red throat blotches.....	.30	3.00	20.00
White Glory. A gorgeous, pure white, with beautiful Iris-blue throat; ruffled....	.35	3.25	25.00
Youell's Favorite. Striking rosy lavender pink; large and beautiful, ruffled flower.....	.20	2.00	15.00

NEW PRIMULINUS GLADIOLUS

This new race of Gladiolus have come to be extremely popular; they are easy to grow, beautiful for decorations, the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Each	Doz.	100
Alice Tiplady. A grand, large beautiful orange saffron color.....	\$0.30	\$3.00	\$22.00
Capella. Tall, very bright, fiery, orange-red, choice flowers, very early.....	.25	2.50	18.00
Fiery King. Long, graceful spikes; color intense scarlet.....	.20	2.00	15.00
Jane. A beautiful suffused salmon.....	.20	2.00	15.00
Orange Brilliant. Brilliant orange.....	.20	2.00	15.00
Primulinus. Small primrose yellow flowers. Fine for perennial borders.....	.10	1.00	7.00
Regulus. Large flowered, richest orange salmon and delicate yellow.....	.20	2.00	15.00
Roanoke. A vigorous and large yellow; very fine.....	.30	2.75	20.00
Rose Luisante. A beautiful pink, with creamy center.....	.20	2.00	15.00
Trueb. A beautiful salmon pink on long stems.....	.20	2.00	15.00
Vesuvius. One of the best deep pink varieties.....	.20	2.00	15.00

PRIMULINUS HYBRIDS

A very select mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladioli contains such harmonious blendings of color.

	Doz.	100	1000
Selected Mixed	\$0.60	\$4.50	\$40.00

GLADIOLUS IN MIXTURE

Our mixtures are made up from fine varieties and are all selected first size bulbs.

	Doz.	100	1000
Marshall's Matchless Hybrids. This is our general mixture and is composed of fine sorts in all color, in extra large size bulbs only.....	\$0.60	\$4.00	\$35.00
Kunderd's Ideal Mixed. A selection of the best varieties and contains hundreds of varieties equal to the named varieties.....	1.00	6.00	55.00

GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the end of April and ship at any date required for later planting.

GLADIOLUS

There are no other Summer flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

Our selection of varieties has been made from many and includes all those of exceptional merit and a wide range of colors.

NAMED HYBRID GLADIOLUS

BLUE AND PURPLE SHADES

	Each	Doz.	100
Badenia. A distinct lilac, quite different from other varieties.....	\$1.00	\$10.00	.....
Baron Hulot. A fine violet blue; sometimes called Blue Jay.....	.15	1.50	\$10.00
Blue Jay (True). Bright light blue, with white shadings.....	.50	5.00	35.00
Catherina. Grayish light blue, lower petals a little deeper blue with red spot.....	1.00	10.00	.....
Empress of India. Rich dark maroon, almost black, a rare color.....	.15	1.50	10.00
Herada. Pure mauve with deeper markings on throat; large flowers.....	.40	4.00	30.00
Mary Fennel. A beautiful deep lavender, lower petals penciled primrose yellow on pale lavender ground.....	.30	3.25	25.00
Mr. Mark. Light blue with darker throat; robust grower.....	.50	5.00	35.00
Muriel. Light blue with a little darker spot on lower petals.....	1.50	15.00	.....
Viola. Mauve blue, gradually shading to rich violet, throat toned soft canary with purple blotch in lower petals.....	.40	4.00	30.00

PINK SHADES

America. Large flower, beautiful flesh pink; beautiful for cutting; extra large bulbs..	.10	.80	5.00
Cynosure. Deep rose pink, with a throat blotch of crimson lake .....	.25	2.50	18.00
Dawn (Groff). A beautiful coral pink, long, graceful spike of magnificent flowers...	.70	7.00	50.00
Evelyn Kirtland. Rose-pink, darker at the edges and fading to shell-pink in center.	.40	4.00	30.00
Gretchen Zang. Pink, blending into scarlet on lower petals.....	.27	2.75	20.00
Halley. A very attractive delicate salmon pink. Early flowering.....	.10	.80	6.00
La Couronne. Very large flowers, creamy white with throat blotched with dark maroon, bordered with pale yellow.....	.60	6.00	45.00
Loveliness. A beautiful cream colored variety.....	.20	1.75	12.00
Le Marechal Foch. Pure pink of immense size; very early.....	2.00	20.00	.....
Mrs. Dr. Norton. Pale pink, with primrose center, yellow blotch on lower petals....	1.50	15.00	.....
Mrs. Frank Pendleton. The flowers are very large, of lovely flushed salmon pink, with brilliant carmine blotches in the throat.....	.15	1.25	9.00
Panama. Large, wax-like flower, clear pink, large spike.....	.15	1.25	8.00
Pink Beauty. A very early flowering variety. Color bright rose pink, with a darker blotch. A good force.....	.15	1.25	9.00
Pink Perfection. Bright pink. Very large and beautiful flower.....	.20	1.75	12.00
Pink Progression. Very early, almost white, with crimson blotch.....	.20	1.75	12.00
Salmonia. Good spike of flowers of various shades of salmon pink.....	.50	5.00	40.00
Willy Wigman. A beautiful blush white with dark blotch.....	.10	1.00	6.00
Wm. Falconer. Clear, light pink; enormous flowers.....	.25	2.50	18.00

RED AND SCARLET SHADES

Attraction. Deep dark, rich crimson, white throat.....	.10	1.00	7.00
Fire King. Long, graceful spikes of intense fire scarlet flowers.....	.10	1.00	6.00
Mrs. Francis King. Light scarlet of pleasing shade; long spikes, one of the best...	.10	.75	5.00
Princes. Rich crimson with very deep shadings in throat.....	.15	1.50	10.00
Red Emperor. A very large deep scarlet of immense size.....	.35	3.25	25.00

WHITE SHADES

Glory of Holland. White with slight tinting of pale pink.....	.20	2.00	15.00
L'Immaculee. A beautiful pure white, very tall grower.....	.20	2.00	15.00
Peace. The flowers are large, of perfect form, white with a pale lilac feathering on the interior petals.....	.10	1.25	8.00
Snow King. A white variety, similar in habit to Augusta, but remains white.....	.10	.75	5.00
White America. Similar to America in form and substance. Clear white with a slight mark of blue in the throat.....	.20	2.00	15.00

YELLOW SHADES

Canary Bird. Fine yellow; extra good.....	.20	1.75	12.00
Golden King. A brilliant golden yellow, with crimson blotch in throat.....	.25	2.50	18.00
La Luna. Pale yellow, changing to nearly white when expanded.....	.50	5.00	40.00
Niagara. Beautiful cream shade with lower petals blending to yellow inside; throat splashed carmine.....	.15	1.25	8.00
Schwaben. Delicate, pale yellow, dark blotch in center.....	.15	1.25	9.00
Sulphur King. Deep, pure yellow. The best of its color.....	.25	2.50	18.00

For Kunderdi Types of Ruffled Primulinus and Mixed Gladiolus, see page 60.

We shall be pleased to supply any variety not listed at current prices.



Hardy Perennial Plants

For Permanent Planting in Open Borders

Herbaceous plants should be used where a constant supply of flowers is desired, for, out of the large lists of herbaceous or perennial plants, such varieties may be selected as begin to flower very early, others that are almost continuous bloomers and some that continue to bloom even after frost sets in.

The approximate height of the Hardy Perennials in this catalogue is represented in feet and inches and the flowering periods are taken in the vicinity of New York.

ACHILLEA Millefolium roseum. Pink flowers in compact heads. 2 ft. June-Sept.

Ptarmica, The Pearl. Double pure white flowers in great profusion. 2 ft. June-Sept.

ACONITUM autumnale (Monkshood). Showy blue, helmet-shaped flowers. 3 to 4 ft. Aug., Sept.

Fischeri. Strong spikes of large, dark blue flowers. 2 to 3 ft. Sept., Oct.

Wilsonii. A tall variety from China, with violet-blue flowers. 5 to 6 ft. Sept.

All Aconitums, 35c. each, \$3.00 for 10.

AGROSTEMMA. See LYCHNIS.

ALYSSUM saxatile compactum (Rock Madwort, Golden Tuft). Compact masses of yellow flowers in early Spring. 1 ft. April, May.

ANCHUSA italica, Dropmore. Large, gentian-blue flowers. 4 to 5 ft. May-July.

ANEMONE (Windflower). Japanese Anemones are among the best Autumn flowering plants. 2 to 3 ft. Sept., Oct.

Queen Charlotte. Semi-double, pink flowers. Whirlwind. Semi-double, white.

ANTHEMIS montana (Marguerite). One of the most satisfactory perennials; flowers creamy white. 2 ft. June-Oct.

tinctoria Kelwayi (Golden Marguerite). Rich yellow; fine for cutting. 2 ft. June-Oct.

AQUILEGIA coerulea (Rocky Mountain Columbine). Large, blue and white, long spurred flowers.

chrysantha (Golden Spurred Columbine). Flowers fragrant, yellow. 2 to 3 in. across.

ARABIS alpina (Rock Cress). Adapted for rock gardens; pure white. 5 in. April, May.

—**flore-pleno.** A double form of the preceding.

ARTEMISIA Abrotanum (Southernwood, Old Man). Usually grown for its handsome, pleasant-scented leaves. 2 to 3 ft.

lactiflora. Large, branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug., Sept.

ASCLEPIAS tuberosa (Butterfly Weed). Orange-scarlet. 2 ft. July, Aug.

ASPERULA odorata (Sweet Woodruff, Waldmeister). A sweet-scented herb; white. 6 to 8 in. May, June.

ASTER (Michaelmas Daisy, Starwort).

ericoides. Flowers small, white, borne in great clusters. 3 ft. Aug., Sept.

novæ-angliæ, Lil Fardel. Flowers large, rich, clear pink. 4 to 5 ft. Aug., Sept.

ptarmicoides. Small, pure white flowers; habit erect, dwarf. 1 ft. Aug., Sept.

tataricus. One of the tallest and latest-flowering Asters. Bluish violet. 5 to 6 ft. Oct.

White Queen. One of the best white Asters. 4 ft. Sept.

ASTILBE Davidii (David's False Goat Beard). Deep rosy violet flowers. 4 to 5 ft. July, Aug.

AUBRIETIA deltoidea. Fine for rockeries; dark violet. 6 in. April and May.

BAPTISIA australis (False Indigo). Has racemes of lupine-like flowers, dark blue in color. 3 to 4 ft. May-July.

BOCCONIA cordata (Plume Poppy). Creamy white flowers. 6 to 8 ft. July, Aug.

BOLTONIA asteroides. Has pure white, Aster-like flowers. 4 to 5 ft. Aug., Sept.

latisquama. Pinkish lavender flowers. 4 to 5 ft. Aug., Sept.

All plants on this page, except where noted, 25c. each, \$2.20 for 10.

HARDY PERENNIAL PLANTS—Continued

- CAMPANULA** (Bellflower). These are among the most important of hardy plants.
- carpatica** (Harebell). Flowers large, erect, light blue. 5 to 7 in. July, Aug.
- alba**. A white form of the above.
- glomerata**. Globular, dark blue flowers. 1½ ft. June, July.
- Medium** (Canterbury Bells). In blue, rose or white. 2 ft. June.
- calycanthema** (Cup-and-Saucer Canterbury Bells). In blue, lilac, rose and white.
- persicifolia** (Peach-leaved Bellflower). Large, cup-shaped, blue flowers. 2 ft. June, July.
- alba grandiflora**. White.
- pyramidalis** (Steeple Bellflower). Long spikes of blue flowers. 4 to 5 ft. Aug., Sept.
- alba**. A white form of the above.
- CARYOPTERIS incana, Mastacanthus** (Blue Spiraea). Lavender-colored flowers. 3 to 4 ft. Sept., Oct.
- CASSIA marilandica**. Bright yellow, odd-shaped flowers. 5 to 6 ft. July-Sept.
- CATANANCHE coerulea bicolor** (Cupid's Dart). White flowers with slight suffusion of purple in center. 2 ft. June-Aug.
- CENTAUREA dealbata**. Compact habit; deep pink flowers. 1½ ft. July, Aug.
- montana** (Perennial Cornflower). Large blue flowers. 2 ft. June-Sept.
- alba**. A fine white form of the above.
- CERASTIUM tomentosum** (Snow-in-Summer). Bright, silvery foliage, with white flowers. 6 in. May, June.
- CHRYSANTHEMUMS, Hardy**. These make a grand show late in the Fall; all colors. See page 52 for list of varieties. 2 to 3 ft. Sept.-Oct. 20. each, \$2.00 for doz.
- arcticum** (Arctic Daisy). Multitudes of white, slightly tinged flowers, 2 in. wide. 12 to 18 in. Sept.-Nov.
- maximum Shasta Daisy**. Large white flowers; blooms profusely all Summer.
- CIMICIFUGA racemosa**. Tall, hardy and ornamental; light racemes of flowers. 4 to 5 ft. June, July.
- CONVALLARIA majalis** (Lily of the Valley). May, June. Field grown clumps. 40c. each, \$3.50 for 10.
- COREOPSIS lanceolata**. Golden yellow; the flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct.
- DELPHINIUM** (Larkspur). June till late Fall.
- Amos Perry**. Large, semi-double, 2½ in. across, rich rosy mauve in color, overcast sky-blue.
- Belladonna**. Large, semi-double flowers, sky-blue; tipped lilac; dwarf growing. 25c.
- Capri**. A clear sky-blue—one of the best.
- King of Delphiniums**. Flowers very large, semi-double, deep blue color, with large white eye.
- Lize**. Tall growing Larkspur with well branched spikes of large, single, sky-blue flowers, with a yellowish eye.
- Mørheimeii**. The finest pure white.
- Mrs. Thompson**. Branching habit, bearing freely its large, clear blue flowers, white eye.
- Rev. E. Lasceles**. The double flowers being a rich blue and having snowy white petaloid stamens edged with blue.
- The above varieties, \$1.00 each, \$9.00 for 10.
- formosum**. Dark blue, white center.
- English Hybrids**. From the palest to the deepest blues; single and double.
- DIANTHUS** (Hardy Pinks). A very interesting and useful class of plants, blooming in early Spring.
- barbatus** (Sweet William). In separate colors; red, white and rose. 2 ft.
- Newport Pink**. A distinct variety in this favorite flower, being a salmon-rose-pink.
- Double, Assorted Colors**. 2 ft.
- deltoides** (Maiden Pink). A dwarf variety with sprays of pink flowers. 8 in.
- Her Majesty**. The best white garden pink.
- latifolius atrococcineus fl. pl.** (Everblooming Hybrid Sweet William). Double crimson.
- DICENTRA formosa** (Bleeding Heart). Rose color, with finely divided foliage. 1 ft. May-Aug.
- spectabilis**. Long, drooping racemes of rose-crimson; useful for forcing. 1½ ft. April-June.
- DICTAMNUS fraxinella** (Gas Plant). This is also called Burning Bush. 2 to 3 ft. June, July.
- DIGITALIS** (Foxglove). These old garden favorites produce bold masses of leaves and flowers.
- lanata**. Long, dense spikes of grayish or creamy yellow flowers. 2 to 3 ft. June, July.
- purpurea gloxiniaeflora (gloxiniaeflora)** (Gloxinia-flowered Foxglove). Flowers spotted rose, purple and white. 2 to 3 ft. June, July.
- DORONICUM plantagineum excelsum** (excelsum). Brightest yellow; free flowering. 1½ to 2 ft. May.
- ECHINACEA purpurea** (Purple Coneflower). Reddish purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug.
- ECHINOPS** (Globe Thistle). A showy plant, with globular heads of blue flowers.
- Ritro**. Metallic blue flowers; thistle-like foliage. 3 to 4 ft. July, Aug.
- EREMURUS himalaicus**. Creamy white flowers borne in immense, graceful spikes. 6 to 8 ft. May, June. Strong plants, \$7.50 each.
- robustus**. A very fine, strong growing variety, with rosy pink flowers. 6 to 10 ft. May, June. Strong plants, \$7.50 each.
- ERYNGIUM alpinum** (Sea Holly). Flowers 3 in. across, of a steel blue. 2 ft. July, Aug.
- amethystinum**. Beautiful thistle-like heads of glistening amethyst-blue. 2 to 3 ft. July-Sept.
- EUPATORIUM caelestinum** (Mist Flower). A good hardy plant, with light blue flowers, similar to Ageratum. 2 ft. Aug.-Oct.
- FUNKIA**. Very handsome and will thrive in almost any position. 1½ to 2 ft. July, Aug.
- coerulea**. Purple flowers; large, green foliage.
- lancifolia albo-marginata**. Leaves edged with white.
- undulata variegata**. It has ovate leaves, the margins deep green and center a beautiful creamy white.
- GAILLARDIA grandiflora** (Blanket Flower). Yellow and orange-red. 1½ ft. May to Nov.
- Lady Rolleston**. Flowers are a rich yellow, borne on long, stout stems. 2 ft. June-Nov.
- GENTIANA Andrewsii** (Closed, or Bottle Gentian). Flowers of a fine blue. 18 to 24 in. Aug., Sept.

All plants on this page, except where noted, 25c. each, \$2.20 for 10.

HARDY PERENNIAL PLANTS—Continued



Gerum, Mrs. J. Bradshaw

GERANIUM sanguineum. Fire-red; very effective. 1 to 1½ ft. May-July.

GEUM atrosanguineum (Avens). Dark crimson. 1 to 2 ft. May-July.

coccineum, Mrs. J. Bradshaw. Double dark red flowers. 2 ft. June-Sept. 35c. each, \$3.00 for 10.

GRASSES—

Arrhenatherum bulbosum folia variegata. Leaves green and white; fine for edging. 6 to 8 in.

Arundo Donax (Great Reed). Grows 15 ft. and forms dense clumps. 35c. each, \$3.00 for 10.

—**variegata.** Foliage creamy white and green. 6 to 8 ft. 35c. each, \$3.00 for 10.

EULALIA gracillima univittata. Foliage narrow, bright green, with a silvery midrib. 5 to 6 ft.

—**japonica variegata.** Its long, narrow leaf-blades are striped green, white and often pink and yellow. 4 to 6 ft.

—**japonica zebrina.** Very striking with leaves banded transversely with pale yellow. 5 to 6 ft.

Gypsophila paniculata (Baby's Breath). Masses of minute, pure white flowers. 2 to 3 ft. June, July.

—**flore-pleno.** Charming, double flowers, borne on branched panicles in great profusion.

repens. Pale rose flowers. 6 in. June, July.

HELENIUM autumnale superbum (Sneeze-weed). A grand plant, with large, flat, lemon-yellow flowers. 4 to 5 ft. Aug., Sept.

—**Riverton Beauty.** Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept.

—**Riverton Gem.** Yellow, changing to red. 5 ft. Aug., Sept.

HELIANTHUS (Hardy Sunflower). The large flowers on long stems are fine for cutting.

Maximilianii. One of the latest blooming of all clear yellow. 6 to 8 ft. Oct., Nov.

molles. Thick, velvety foliage of a silvery tinge; flowers lemon-yellow. 5 ft. Aug., Sept.

orgyalis. Graceful stalks, clothed with very long, willowy, drooping foliage; flowers deep lemon-yellow. 8 to 10 ft. Aug.

HELIOPSIS Pitcheriana. The flowers are deep golden yellow, about 2 in. in diameter. 3 to 4 ft. July-Sept.

HEMEROCALLIS flava (Lemon Lily). Flowers lemon-yellow, sweet-scented. 3 ft. May.

fulva Kwanso. Large, double flowers of a rich bronze orange. 2 to 3 ft. June-Aug.

Middendorffii. Flowers deep orange-yellow. Desirable for cutting. 2 to 3 ft. June, July.

Thunbergii. Flowers lemon-yellow, very fragrant. 3 ft. July, Aug.

HEUCHERA sanguinea. The bright crimson flowers are borne in long, graceful, arching sprays. 1½ ft. May-Sept.

hybrida. Assorted colors. 1½ ft. May, Sept.

HOLLYHOCK rosea. 5 to 6 ft. July, Aug.

Single. In crimson, rose, salmon, white or yellow colors.

Double. In carmine-rose, crimson, yellow, rose-salmon and white colors.

HIBISCUS Hybrids. The flowers range in color from white to intense crimson. 5 to 8 ft. July-Sept. 2-yr., each 35c., 10 for \$3.00; 3-yr., each 50c., 10 for \$4.50; 4-yr., strong clumps, 75c. each, 10 for \$6.50.

HYPERICUM Moserianum (Gold Flower). Beautiful golden yellow flowers, with crimson stamens. 1½ ft. June-Sept.

IBERIS gibraltaria (Candytuft). Large, delicate lilac flowers. 1 ft. May, June.

sempervirens. Spreading habit; flowers white. 10 in. April, May.

IRIS Germanica (Garden Iris). Are exceedingly decorative and beautiful; in fact, they are indispensable where bright effects are desired in the border or garden. 2 to 3 ft. May, June.

Arnolds. S, rosy-bronze; F, velvety purple. 23 in.

Berchta. S, olive-yellow; F, violet-blue, bordered with reddish-brown. 26 in.

Celeste. S, lavender; F, deep lavender; large and free flowering. 32 in.

Fro. S, golden yellow, edged olive-yellow; F, chestnut-brown, bordered yellow. 28 in.

Gypsy Queen. S, bronze; F, deep purple, reticulated at the base. 26 in.

Innocenza. S, and F, ivory-white, with a rich golden crest. 27 in.

King. S, yellow; F, velvety dark brown with a wide border of golden yellow. 27 in.

Lohengrin. Petals 2 in. across; S, and F, deep violet-mauve. 28 in.

Mithras. S, light yellow; F, violet, shaded with claret and bordered yellow. 24 in.

Mme. Chereau. White, elegantly frilled azure-blue; very beautiful. 30 in.

Pallida dalmatica. S, clear lavender-blue; F, deep lavender; a superb variety. 40 in.

Pfaeuenaue. S, olive-yellow; F, brownish-blue, with a golden yellow border. 20 in.

Rhein Nixe. A strong grower; S, pure white; F, deep violet-blue, with a white edge. 27 in.

Thora. S, light blue; F, deep violet-blue; very free flowering. 20 in.

Good plants, 25c. each, \$2.20 for 10.

Extra strong plants, 50c. each, \$4.50 for 10.

All plants on this page, except where noted, 25c. each, \$2.20 for 10.



HARDY PERENNIAL PLANTS—Continued

- IRIS Kämpferi** (Japanese Iris). These gorgeous Irises are the most beautiful of all Summer flowering plants and no well-regulated garden is complete without them. 3 ft. June, July.
- Bandai-no-nami**. A large, full white; six petals.
 - Choselden**. Ruby crimson, with white lines radiating through the petals; six petals.
 - Datedoga**. Rich claret red with yellow throat; white lines radiating through the petals.
 - Hana-aoi**. Grey overlaid with blue lines, throat yellow, surrounded with purple.
 - Koki-no-iro**. Purple suffused with blue; orange blotches; six petals.
 - Kumo-no-obi**. Dark lavender, white veins.
 - Kyodaisan**. Purple overlaid blue; yellow throat terminating in white veins.
 - Kuro-kumo**. Purple overlaid dark blue.
 - Kuma-funjin**. Purple, overlaid navy blue.
 - Shirataki**. White with yellow throat, radiating into yellow lines.
 - Sofii-no-koi**. Purple overlaid with dark blue.
 - Taieheiraku**. Rich venous purple, with conspicuous yellow throat.
 - Tora-odori**. Grey overlaid and splashed with lavender and blue, throat yellow blotched.
 - Wase-banri**. White shaded lavender, stigmas purple.
 - Zama-no-mori**. Flowers white; slightly shaded blue; yellow throat.
- Strong plants, 25c. each, \$2.25 for 10.
Extra large clumps, 50c. each, \$4.50 for 10.
- LAVANDULA vera** (Sweet Lavender). Fragrant blue flowers. 1½ ft. July-Sept.
- LIATRIS pycnostachya** (Kansas Gay Feather). Flowers purple, in dense spikes. 4 to 5 ft. July, Aug.
- spicata** (Button Snakeroot). Spikes 6 to 15 in. long; purple. 2 to 3 ft. July-Sept.
- LINUM perenne**. A lovely plant, with blue flowers. 1½ ft. May-Aug.
- LOBELIA cardinalis** (Cardinal Flower). Flowers intense scarlet. 3 ft. July, Aug.
- LUPINUS polyphyllus** (Lupine). Deep blue, pea-shaped. 3 to 4 ft. June, July.
- albiflorus**. A white form of the above.
 - Moerheimii**. Color soft rose. June and July.
- LYCHNIS chalcidonica**. Flowers bright scarlet, in dense clusters. 2 ft. June, July.
- Coronaria** (Agrostemma Coronaria). Flowers rich crimson, produced in great abundance on long stems. 2 ft. June, July.
- viscaria splendens flore-pleno**. A fine variety, with double, crimson flowers. 1 ft.
- LYSIMACHIA Nummularia** (Moneywort). Yellow flowers. 2 to 3 in. June, July.
- LYTHRUM roseum superbum** (Purple Loosestrife). Tall spikes of rosy purple flowers, on long, graceful stems. 3 to 4 ft.
- MERTENSIA virginica**. Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May, June.
- MONARDA didyma**. Compact heads of bright red flowers. 3 ft. June-Aug.
- MYOSOTIS palustris semperflorens**. Color blue; good for shady spots in the rock garden. 10 in. May-Sept.
- NEPETA hederacea** (Glechoma). Blue; a beautiful evergreen plant of creeping habit; fine for rockwork. 5 in. May, June.
- OENOTHERA fruticosa major** (Evening Primrose). Bright yellow flowers. 2 ft. June.
- missouriensis**. Large, yellow flowers. 10 in. June-Aug.
- PEONIES**. They are among the most permanent of herbaceous perennials. The following varieties are, in our opinion, the finest that can be had.
- Albatre**. Milk-white, shaded ivory, wide center petals tinged lilac, edged with a minute carmine.
 - Alice Crousse**. Light violet-rose, slightly tinted light pink and salmon; midseason.
 - Avalanche**. Creamy white, slightly flecked with carmine; fragrant; midseason.
 - Beaute Francaise**. Delicate flesh-pink with purplish-white and carmine spots.
 - Boule de Neige**. Milk-white, flecked with crimson; very large, globular and compact.
 - Delachei**. Violet-crimson; medium size; rose type; midseason to late.
 - Docteur Caillot**. Brilliant tyrian rose.
 - Duc de Wellington**. Pure white, sulphur center; bomb shape; fragrant; midseason.
 - Eclair**. A beautiful clear pink.
 - edulis superba**. Dark pink, even color; large, loose, flat when fully open; fragrant.
 - festiva maxima**. Paper-white with crimson markings in center. Very large; early.
 - Gloire de Douai**. Purplish-crimson, black reflex.
 - Jeanne d'Arc**. Pale lilac-rose, cream-white center; pink crown; fragrant. Strong, early.
 - L'Eclatante**. A grand brilliant red.
 - L'Indispensable**. Very full, rose type. Lilac-white, shading to violet-rose toward the center.
 - Louis Van Houtte**. Dark crimson; large, semi-rose type; compact; fragrant.
 - Mile. Leonie Calot**. Very delicate shell-pink, center darker, medium to large, very compact.
 - Mme. Breon**. White, with shell-pink collar; medium size. Tall, erect, strong stems; early.
 - Mme. Emile Galle**. Very soft pink, changing to milk-white in center; late.
 - Mme. Lebon**. Showy cherry-pink to aniline-red.
 - Modelle de Perfection**. Light violet-rose, with high, wide center petals of darker color.
 - Modeste Guerin**. Uniform light solferino-red; fragrant; midseason.
 - Philomele**. Yellow, fading to cream, with bright pink collar and crown; midseason.
 - Rose d'Amour**. Delicate flesh pink.
 - Virginie**. Large, semi-rose type; outer petals lilac-rose, with lighter collar; fragrant.
 - Whitleyi**. Milk-white, guards slightly flecked crimson and tinted pale lilac; fragrant.
- PÆONIA officinalis**. The old-fashioned variety that comes into bloom several weeks earlier than the herbaceous sorts.
- albo plena**. Large, double, white flowers. The earliest white Peony.
 - roseo plena**. Large, double, pink flowers. The earliest pink one to bloom.
 - rubro plena**. Rich, dark crimson. The darkest variety ever introduced.
 - tenuifolia**. Rich crimson; single.
 - flore pleno**. Double flowers of brilliant crimson; fine, feathery foliage. Early.
- All varieties, \$1.00 each, \$9.00 for 10.
Extra strong, 4-year-old clumps, \$2.00 each, \$18.00 for 10.
- TREE PÆONIES**. These grow 3 to 4 ft. high and make fine bushes, flowering in the Spring. Named varieties, strong roots, \$2.50 to \$5.00 each.

All plants on this page, except where noted, 25c. each, \$2.20 for 10.

HARDY PERENNIAL PLANTS—Continued

- PAPAYER (POPPY) orientale** (Oriental Poppy). Deep scarlet, purple center. 25c. each.
- Goliath**. One of the most effective; dark crimson.
 - Mahogany**. Deep mahogany-black. The darkest variety in cultivation; very distinct and handsome.
 - Mrs. J. Harkness**. Brighter salmon-pink than Victoria Louise.
 - Mrs. Perry**. Improved Marie Louise.
 - Perry's White**. Purest white ever found in Oriental Poppies.
 - Prince of Orange**. Bright orange-scarlet, borne on long, stiff stems. Except where noted, 35c. each, \$3.00 for 10.
- PARADISEA (Anthericum) Liliastrum major** (St. Bruno's Lily). Flowers white, with narrow, grass-like foliage. 1½ ft. May, June.
- PENTSTEMON barbatus Torreyi** (Beard Tongue). Tall spikes of brilliant scarlet flowers. 4 ft. June-Aug.
- PHLOX, PERENNIAL**. Phloxes are among the very showiest and most valuable of all hardy plants. 2 to 3 ft. June-Oct.
- Adonis**. Rosy-salmon with carmine center.
 - Albion**. Pure white with a faint red eye.
 - Beranger**. Light rose, changing to white.
 - Champs Elysees**. Dark purple; large trusses.
 - Elizabeth Campbell**. Flowers large; light salmon, changing to pink, with a dark crimson eye.
 - Flora Hornung**. Dwarf; white with large carmine eye.
 - Frau Antoine Buchner**. Large; white, slightly suffused pink.
 - Griedur**. Soft mauve-rose, suffused with a shade of cerise.
 - Jeanne d'Arc**. Snow-white; very late.
 - La Vague**. Pure mauve-pink with red eye.
 - Mme. Paul Dutrie**. Lilac-rose, overlaid soft rose.
 - Mrs. Jenkins**. Pure white; very early.
 - Miss Lingard**. Flowers pure white with pale pink center.
 - Rheinlander**. Soft salmon-pink, deep red eye.
 - Rosenburg**. Carmine-white with dark red eye.
 - R. P. Struthers**. Brilliant rosy red, crimson center.
 - Richard Wallace**. Pure white with red eye.
 - Rynstroom**. Deep pink.
 - Tapis Blanc**. The finest of all dwarf white Phlox.
 - subulata** (Moss Pink). Low spreading stems and narrow, moss-like leaves; flowers in wonderful profusion. 3 to 6 in. April, May.
 - subulata alba**. Flowers large; white.
 - atropurpurea**. Purplish rose.
 - ilacina**. Light blue.
 - PHYSOSTEGIA virginiana** (False Dragon-head). Strong spikes of delicate pink flowers. 2 to 3 ft. June, July.
 - alba**. Flowers pure white. 2 to 3 ft. June, July.
- PLATYCODON grandiflorum** (Balloon Flower). A dense branching plant of upright habit; flowers, 3 in. across, blue. 1 to 2 ft. June, July.
- album**. A white flowered form of the above.
- PRIMULA acaulis (vulgaris)** (Common English Primrose). Bright lemon-yellow and fragrant. 6 to 9 in. April, May.
- PYRETHRUM**. Single mixed varieties.
- RUDBECKIA laciniata, Golden Glow** (Cone-flower). Masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept.
- maxima**. Has immense, grayish green leaves and bright yellow flowers on long stems. 4 to 6 in. across. 6 to 8 ft. June-Sept.
- SALVIA argentea**. White flowers; large, flat, white, woolly leaves. 2 ft. June.
- azurea grandiflora**. A Rocky Mountain species, with pretty sky-blue flowers. 3-4 ft. Aug., Sept.
- SCABIOSA caucasica**. Beautiful, soft lilac flowers; vigorous grower. 2 to 3 ft. June-Aug.
- alba**. Very rare; pure white. 2 to 3 ft.
- SEDUM acre** (Golden Moss, Stonecrop). Flowers bright yellow. 2-3 in. May-July.
- album**. Foliage green; flowers white. 2-3 in.
 - Sieboldii**. Foliage changing from blue and cream to coral-rose; flowers rose-pink. 9 in. Aug.-Sept.
 - spectabile** (Stonecrop). Large heads of pink flowers. Fine border plant. 1½ ft. Aug.-Sept.
- SPIRÆA Aruncus sylvester**. White; very vigorous. 3 to 5 ft. June, July.
- STATICE Armeria** (Sea Thrift). Flowers pink in dense heads. 6 in. May, June.
- STOKESIA cyanea** (Cornflower Aster, Stokes' Aster). Flowers 3 to 4 in. across, of a fine sky-blue. 2 ft. July-Oct.
- alba**. A white form of the above.
- SWEET WILLIAM**. See *Dianthus*.
- THERMOPSIS caroliniana**. A fine plant with clover-like foliage; long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June-July.
- THYMUS citriodorus aureus**. Golden variegated foliage. 8 in. June-Aug.
- TRADESCANTIA virginiana** (Spiderwort). Long, grass-like leaves, violet flowers. 2 ft. May-Aug.
- alba**. White flowers. 2 ft. May-Aug.
- TRITOMA Uvaria grandiflora**. Flowers rich ocher-red and yellow, fading to salmon. 3 to 4 ft. Aug., Sept.
- grandis** (T. Pützneri). The freest flowering of all; orange-scarlet, shading to salmon-rose at the edge. 2 to 3 ft. Aug., Sept.
- VALERIANA officinalis** (Hardy Garden Heliotrope). Fragrant, light pink flowers. 3 to 5 ft. June, July.
- VERBASCUM longiflorum pannosum** (Mullein). Clear yellow, very ornamental; fine large, silvery foliage. 6 ft. June-Aug.
- VERONICA** (Speedwell). All Veronicas love moist situations and are excellent for rockwork.
- longifolia subsessilis** (Blue). Attractive; blooms until late Fall. 2 ft. Aug., Sept.
 - spicata**. Spikes of blue flowers. 1½ ft. June, July.
- VINCA minor** (Periwinkle). Evergreen trailer; fine for covering bare places. April, May.
- VIOLA cornuta, G. Werning**. This is a true *Viola cornuta*, with large blue flowers.
- VIOLA, Tufted Pansies**—
- Admiration**. Soft purple, dark blotched.
 - lutea splendens**. Golden yellow.
 - White Perfection**. White.
- YUCCA filamentosa** (Adam's Needle). Pyramidal clusters of creamy flowers. 4 to 6 ft. June, July.

All plants on this page, except where noted, 25c. each, \$2.20 for 10.



Hardy Vines and Climbers

ACTINIDIA arguta. Shining, dark green foliage. Flowers white, with purplish center. Pot grown plants. 75c. each.

AKEBIA quinata. Numerous bunches of violet-brown flowers; does best in sunny places.

Strong, pot grown plants. 75c. to \$1.00 each
Field grown plants. 50c. each

AMPELOPSIS heterophylla. Well adapted for covering rocks and low trelliswork.

Field grown plants. 50c. each
Pot grown plants. 75c. each

quinquefolia (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the Fall.

Field grown plants, 5 to 7 ft. 50c. each
Pot grown plants, strong, 5 to 6 ft. \$1.00 each

Engelmanni. Similar to the preceding, with smaller and more dense foliage.

Field grown plants, 5 to 7 ft. 50c. each
Pot grown plants, strong, 5 to 6 ft. \$1.00 each

tricuspidata Lowii (Lowii) (New Japanese Ivy). The small, prettily lobed foliage changes to a brilliant crimson in Autumn. Pot grown plants, 75c. each.

Veitchii (Japanese or Boston Ivy). Rapid growing vine, handsome green foliage, assuming charming sun tints in the Fall.

Field grown plants, 2-yr., 35c. each, \$3.00 for 10.
Field grown plants, 3-yr., 50c. each, \$4.50 for 10.
Pot grown plants, strong, 50c. each, \$4.50 for 10.
Extra strong, pot grown plants, 75c. each, \$6.50 for 10.

ARISTOLOCHIA Siphon (Dutchman's Pipe). A vigorous and rapid flowering climber.

Pot grown plants. \$1.50 each

BIGNONIA (Tecoma) grandiflora (Chinese Trumpet Vine). Orange-red flowers.

Pot grown plants. \$1.00 each, \$9.00 for 10.

radicans (Common Trumpet Vine). Brilliant orange-scarlet flowers in July and August.

Pot grown plants. 75c. each

CELASTRUS scandens (False Bittersweet). A native vine, of rapid growth, with large leaves and yellow flowers.

Field grown plants. 50c. each, \$4.50 for 10.

CLEMATIS. Beautiful and attractive vines.

Jackmanii. One of the best; large, rich, velvety purple flowers in profusion.

Henryi. Large, creamy white, fine form.

Mme. Edouard Andre. A very fine variety with bright red flowers.

paniculata (Japanese Virgin's Bower). The white flowers are very pretty, fragrant and resemble snowflakes in late Summer.

Field grown plants. 40c. each, \$3.50 for 10.
Pot grown plants. 75c. each, \$6.50 for 10.

EUONYMUS radicans. Very hardy, dense growing, trailing vine; dull green leaves, with whitish veins.

Field grown plants. 30c. each, \$2.70 for 10.
Strong, pot grown plants. 50c. each, \$4.50 for 10.

variegatus. Fine vine, with clinging tendrils. Compact, variegated, small leaves.

Field grown plants. 40c. each, \$3.50 for 10.
Strong, pot grown plants. 40c. each, \$3.50 for 10.

vegetus. Has round leaves and produces an abundance of showy red fruits with yellow pods.

Field grown plants. 40c. each, \$3.50 for 10.
Strong, pot grown plants. 50c. each, \$4.50 for 10.
Extra strong, bushy, field grown plants, 2 to 3 ft. high and spread. \$3.50 each

HEDERA helix (English Ivy). This is the popular, small-leaved variety and has proved perfectly hardy.

Pot grown plants. 50c. each, \$4.50 for 10.

Extra strong plants. 75c. each, \$6.50 for 10.

Specimens with many branches trained on sticks

4 to 5 ft. \$2.00 each, \$18.00 for 10.

5 to 6 ft. \$3.00 each, \$27.00 for 10.

6 to 7 ft. \$4.00 each, \$36.00 for 10.

HUMULUS Lupulus (Hop Vine). The Hop has fine, large, three-lobed leaves, rough on both sides.

Pot grown plants. 50c. each

LONICERA japonica aureo-reticulata (reticulata aurea). Handsome foliage, netted and spotted bright yellow.

Pot grown plants, 50c. each, \$4.50 for 10, \$35.00 for 100.

—**Halliana** (Hall's Japanese Honeysuckle). A strong grower and constant bloomer. A choice variety.

Pot grown plants, 40c. each, \$3.50 for 10, \$30.00 per 100.

LYCIUM barbarum. Has long, flat leaves; grows vigorously. Light purple flowers in June and July. Each 50c.

PERIPLOCA græca (Silk Vine). A high growing climber. Dark green, shining leaves.

Pot grown plants. \$1.00 each

POLYGONUM baldschuanicum. A useful climbing plant, perfectly hardy, a strong grower, covering itself with a sheet of snowy white flowers.

Pot grown plants. \$1.00 each

PUERARIA Thunbergiana (Kudzu Vine). A most remarkable rapid growing vine, unparalleled for ornament and shade.

2 yr. plants. 35c. each

3-yr. plants. 50c. each

Strong, pot grown plants. 70c. each

SCHIZOPHRAGMA hydrangeoides (Climbing Hydrangea). Has bright green, round leaves, and flowers similar to Hydrangeas.

Pot grown plants. \$2.50 each

Extra strong plants. \$4.00 each

TECOMA. See *Bignonia*.

VITIS Coignetiae (Crimson Glory Vine). It is a strong and free grower, bearing large, heart-shaped leaves, 10 in. long, deep, rich green above and soft, buff-yellow beneath, assuring brilliant Autumnal tints. Fruits black.

Strong, pot grown plants. \$1.00 each

WISTERIA macrobotrys (multijuga) (Japanese Loose-clustered Wisteria). A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 ft. in length. \$1.00 each; pot grown plants, \$2.00 to \$4.00 each; specimens in tubs, \$5.00 to \$10.00.

—**alba (multijuga alba).** Very rare; large, white clusters of flowers. \$1.00 each, \$9.00 for 10; pot grown plants, \$2.00 to \$4.00 each; specimens in tubs, \$5.00 to \$10.00.

sinensis (chinensis) (Chinese Wisteria). Flowers sky-blue, in long, pendulous clusters. 75c. each; pot grown plants, \$1.00 to \$3.00 each; specimens in tubs, \$4.00 to \$10.00 each.

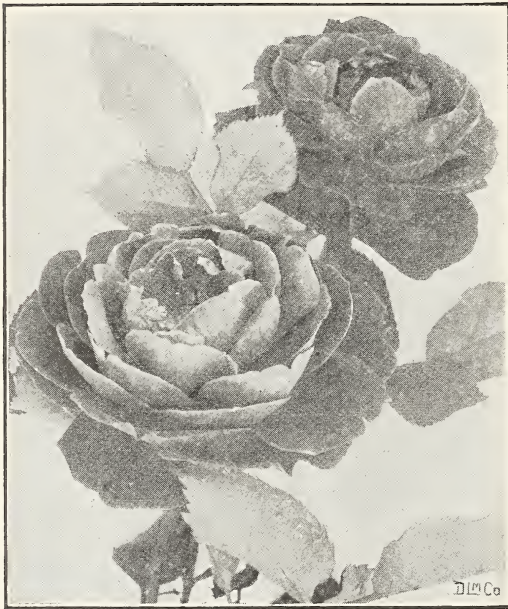
—**alba (chinensis alba)** (White Chinese Wisteria). A choice variety with white flowers. 75c. each; pot grown plants, \$1.50 to \$3.00 each; specimens in tubs, \$4.00 to \$5.00 each

ROSES—Hybrid Tea, or Everblooming

This selection will produce a mass of Roses to cut from the entire season. The plants are American, two year old, and the varieties are the very best for outdoor culture; invaluable either for display or cutting and are hardy with protection.

Being almost as hardy as the June Roses, they can be treated in a similar way with regard to pruning. All strong, American two-year-old, field grown plants, \$1.00 each, \$9.00 for 10.

Varieties marked with a star (*) can be supplied in tree form at \$3.00 each.



Gruss an Teplitz

- ***Admiral Ward.** Well formed flowers of crimson red, shaded with fiery red and purple.
- ***Betty.** Flowers ruddy gold; very large.
- Chateau de Clos-Vougeot.** Soft, velvety scarlet opening to a deep crimson.
- Columbia.** A large beautiful pink.
- ***Constance.** Long orange buds streaked with crimson, full flowers, beautiful yellow.
- Crimson Queen.** The buds are long and pointed, and open into well formed blooms of velvety crimson.
- ***Dean Hole.** Silvery carmine, shaded salmon; beautiful shape.
- ***Duchess of Wellington.** Flowers saffron yellow, which become deep coppery yellow as they open.
- Etoile de France.** A soft velvety crimson, with a vivid shade of cerise.
- Florence Pemberton.** Creamy white, suffused with light pink.
- ***Francis Scott Key.** A glorious rose of blazing red. Perfectly formed, large size; fragrant.
- ***General McArthur.** Bright crimson; large, free flowering; highly perfumed; very hardy.
- ***George C. Waud.** Distinct orange red, with fine scent; large, full and well formed; very profuse.
- ***Golden Ophelia.** In color it is golden yellow at the center, paling slightly at the outer petals.
- ***Gruss an Teplitz.** Brightest scarlet crimson; satiny texture; very free flowering.
- Hoosier Beauty.** Large flowers; glowing crimson, with darker shadings.
- ***Jonkheer J. L. Mock.** Carmine, changing to imperial pink. A variety of distinct merit.
- Joseph Hill.** A deep yellow on the inside of the petals and coppery yellow on the outside.
- ***Kaiserin Augusta Victoria.** White, shading to primrose. A fine Rose; very vigorous.
- ***Killarney, Double White.** Very fine form, of pure, delicate appearance.
- ***Killarney Queen.** A distinct, clear pink.
- ***Lady Alice Stanley.** Deep coral rose on the outside of the petals, pale flesh on the inside.
- ***Lady Ashtown.** Beautiful flowers of carmine pink, shading to golden yellow.
- ***Lady Pirrie.** The outside of the petals is deep coppery reddish salmon; the inside flushed fawn.
- ***Lady Ursula.** A very large, smooth flesh pink flower.
- La France.** The bushes have an erect branching habit and bloom abundantly; bright pink.
- ***La Tosca.** Color silvery pink with deeper center.
- ***Laurent Carle.** Brilliant, velvety carmine.
- ***Los Angeles.** A luminous flame pink, toned with coral and shaded with translucent gold.
- Marquise de Ganay.** A large, silvery pink.
- ***Miss Cynthia Forde.** Large flowers of deep, brilliant rose pink, with light rosy pink reflex.
- ***Mme. Caroline Testout.** Bright, satiny rose, with brighter center; free flowering.
- ***Mme. Edouard Herriot (Daily Mail Rose).** Coral red, shaded with yellow and bright rosy scarlet, passing to shrimp red.
- ***Mme. Jules Grolez.** Bright china rose.
- ***Mme. Jules Bouche.** Handsome white blooms, with centers shaded primrose.
- ***Mme. Léon Pain.** Inside of petals light silvery salmon, salmon-pink on outside.
- Mme. Marcel Delanney.** A pale pink or soft rose, shaded with Hydrangea-pink.
- ***Mme. Segond-Weber.** Beautiful rosy salmon.
- ***Mrs. Aaron Ward.** The color is a distinct Indian yellow, and as the flowers expand, they shade lighter to the edges.
- ***Mrs. Ambrose Ricardo.** Deep honey yellow, overlaid brighter yellow, suffused pink.
- ***Mrs. Arthur Robert Waddell.** The slender, well shaped buds are of the deepest apricot, paling to orange-salmon as the flower expands.
- Mrs. Charles Russell.** Well formed flowers of exquisite rosy carmine, with rosy scarlet center.
- ***Mrs. Wakefield Christie-Miller.** Large, pearly blush, shaded salmon, outside petals vermilion rose.
- ***My Maryland.** A clear bright salmon-pink.
- ***Ophelia.** Delicate rose, heavily flushed but opening to a salmon flesh shaded with rose.
- ***Pharisaër.** The color is rosy white, shading to silvery salmon at center.
- ***Premier.** A handsome dark pink. The large, full blooms are an exquisite pure rose-pink, which is very lasting.
- Queen of Fragrance.** A lovely shell-pink, tipped with silver; very fragrant.
- ***Radiance.** Beautiful carmine rose, flushed with copper; large, round flowers.
- ***Red Radiance.** Color deep red. The enormous, globular flowers are borne on heavy canes.



Hybrid Perpetual, or Remontant Roses

These are commonly called the June Roses, owing to their greatest crop being borne in that month. Require hard pruning annually. Our list of varieties is selected with a view to suit all lovers of the Rose who desire the best.

Extra strong, 2 year-old, field grown plants, \$1.00 each, \$9.00 for 10.

All varieties marked with a star (*) can be supplied in standard or tree form at \$3.00 each.

Baroness Rothschild. Superb rose, of rich satiny pink.

***Frau Karl Druschki.** Fine snow-white; vigorous grower and very hardy.

***General Jacqueminot.** Brilliant scarlet crimson; superb flower.

***George Arends.** Strong grower with delicate pink flowers.

Dwarf Polyantha Roses

The Polyanthas are a charming class of everblooming Roses, of a dwarf, bushy habit.

Field grown, \$1.00 each, \$9.00 for 10.

Baby Doll. Golden yellow, tipped with bright cerise.

Cecile Brunner. The small flowers are bright rose, with yellowish center.

Ellen Poulsen. The flowers are large size and brilliant pink in color.

Edith Cavell. It is a brilliant scarlet, overlaid with deep velvety crimson.

George Elger. Coppery-golden yellow, changing to clear yellow when opening.

Greta Kluis. A lovely shade of deep carmine-pink, passing to a glowing carmine red.

Maman Turbat. China rose shaded with soft, peach-pink, large flowers.

Mrs. W. H. Cutbush. A pleasing shade of peach-pink, very large clusters.

Orleans. Brilliant Geranium-red, tinted pink, with creamy white centers.

Perle d'Or. Nankeen yellow, toning to a beautiful orange at the center.

Harrison's Yellow. Semi-double, bright golden yellow flowers. A handsome sight in the Spring.

Hugh Dickson. Crimson, shaded scarlet.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose.

Margaret Dickson. White, with pale flesh center; petals very large and shell-shaped.

***Mrs. John Laing.** Soft pink, of beautiful form; exceedingly fragrant.

Mrs. R. G. Sharman-Crawford. Large flowers of deep, rosy-pink.

***Paul Neyron.** Deep rose; largest of all Roses; fine foliage.

Ulrich Brunner. Bright, cerise red; flowers large.

Hybrid Sweetbriar Roses

Austrian Copper. Single bright coppery red.

Lady Penzance. Beautiful soft tint of copper, with a peculiar metallic luster.

Lord Penzance. Soft shades of fawn or ecru, passing to a lovely lemon yellow in the center.

Meg Merrilies. Gorgeous crimson; very free flowering.

Moss Roses

The Moss Roses are very fragrant and bloom profusely in June.

Crested Moss. Pale, rosy pink, beautifully crested.

Red Moss. The color is a clear red, heavily mossed with deep green.

Ramanas Roses (*Rosa rugosa*)

The Rugosas are the hardest of all Roses and are extremely vigorous. They are eminently suitable for Rose hedges or to be used as a shrub.

Conrad Ferdinand Meyer. A clear silvery pink; fragrant; very free flowering and double.

Mme. Georges Bruant. A very fine variety, with semi-double white flowers.

Any of the above Roses, \$1.00 each, \$9.00 for 10.

Climbing and Trailing Roses

This class is easily distinguished by the peculiar habits. They may be grown either on trellis, pergolas or used in covering banks. The Roses in this class mostly flower in clusters.

Strong 2-year-old plants, \$1.00 each, \$9.00 for 10.

Varieties marked with a star (*) can be supplied in tree form at \$3.00 each.

Aviateur Bleriot (Wichuraiana). Pleasing saffron yellow, shading to golden yellow in center.

American Pillar. Cherry-pink with a clear white eye surrounding numerous yellow stamens.

Bess Lovett. Resembles Climbing American Beauty in shape of bloom, but is very much brighter in color and more fragrant.

Christine Wright. Large, double flowers of wild Rose pink.

***Dorothy Perkins** (Hybrid Wichuraiana). Soft light pink, flowers profusely in large clusters.

Dr. Huey. A dark crimson maroon of great brilliancy, with stamens of light yellow.

Dr. W. Van Fleet. The long-pointed buds are of a rich flesh-pink on long stems, vigorous grower.

***Excelsa** (Wichuraiana). Intense crimson, with lighter edges, fine foliage.

Eugene Jacquet. Fragrant cherry red flowers, borne freely in very large clusters.

***Hiawatha** (Single Wichuraiana). Brilliant scarlet flowers in large clusters; most brilliant and effective.

***Paul's Scarlet Climber.** It is a vivid scarlet, shaded with bright crimson.

Silver Moon. Semi-double, pure white flowers with bright yellow stamens; very profuse bloomer.

Tausendschoen (Multiflora). Opening flowers pink, rosy carmine when expanded; clusters very large.

***White Dorothy Perkins** (Hybrid Wichuraiana). Pure white sport from Dorothy Perkins. The flowers are borne in fine clusters.



Flowering and Foliage Shrubs

Please note that the prices below are based upon actual values. Shape, buds and roots are what you want, not merely height. We will send out only plants that are sure to give ultimate satisfaction. We have larger specimen plants, and if ordered, will supply them at proportionate rates.

ACER (Japanese Maple). These dwarf Maples are extremely useful in landscape schemes, for their wonderful coloring and fascinating habit.
japonicum aureum. Foliage shaded in gold, with suffusions of green.

—**atropurpureum**. Foliage deep blood red and deeply cut.

dissectum. Foliage flesh pink.

1½ to 2 ft., bushy.....\$2.00 each
2 to 2½ ft., bushy.....\$3.00 each
3 to 3½ ft., bushy.....\$5.00 each

ALTHEA (Rose of Sharon). Strong, erect growing shrub of symmetrical habit. Very desirable for flowering all Summer.

Double Pink, Purple, Rose or White.

2 to 3 ft.....50c. each, \$4.50 for 10.
3 to 4 ft.....75c. each, \$7.00 for 10.
4 to 5 ft.....\$1.00 each, \$9.50 for 10.

AMYGDALUS chinensis alba flore pleno (Double White Flowering Almond).

3 ft.....75c. each

—**rosea plena** (Double Pink Flowering Almond).

3 ft.....75c. each

ANDROMEDA catesbaei. A valuable shrub for planting under trees, on the margins of woodland drives and in other shady positions. Flowers are fine white and are borne in long, pendulous racemes, with a characteristic fragrance.
15 to 18 in.....Each \$1.50, \$12.50 for 10
1½ to 2 ft.....\$2.00 each, \$17.50 for 10.

AZALEA amena. Evergreen shrub of bushy habit and perfect hardiness. Flowers are of bright rosy purple.

12 to 15 in.....\$2.50 each

15 to 20 in.....\$4.00 each

Specimen plants.....\$5.00 to \$10.00 each

Hinodigiri. A bright scarlet form of the well known and charming *Azalea amena*.

12 to 15 in.....\$3.00 each

15 to 18 in.....\$5.00 each

BERBERIS Thunbergii (Barberry). A beautiful Japan variety of dwarf habit. Small foliage, changing to beautiful red in Autumn.

1½ to 2 ft.....50c. each

2-3 ft.....75c. each

Box Barberry. A perfectly hardy edging plant.

2 yr. old.....\$2.50 per doz., \$16.00 per 100.

3 yr. old plants.....\$3.50 per doz., \$23.00 per 100.

BUDDLEIA magnifica (variabilis magnifica).

Purple-lilac flowers, borne in long, graceful panicles, commencing to open in mid-Summer and continuing until frost.

2-3 ft.....50c. each

CALYCANTHUS floridus (Sweet Scented Shrub).

2-3 ft.....50c. each

3-4 ft.....75c. each

CERASUS japonica flore pleno. Double, rich rose colored flowers.

3 to 4 ft.....\$1.00 each

Sieboldii alba plena (Siebold's Double White Flowering Cherry).

4 to 5 ft.....\$1.50 each

CERCIS canadensis (Japan Judas Tree, or Red Bud).

2-3 ft.....75c. each, \$7.00 for 10.

3-4 ft.....\$1.00 each, \$9.00 for 10.

CHIONANTHUS virginica (White Fringe). One of the most decorative of all the flowering shrubs.

2 to 3 ft.....\$1.00 each

3 to 4 ft.....\$1.50 each



Flowering and Foliage Shrubs

CLETHRA alnifolia (Sweet Pepper Bush).

1½ to 2 ft. 50c. each, \$4.50 for 10.
2½ to 3 ft. 75c. each, \$7.00 for 10.

CORNUS alba sibirica (Red Osier Dogwood).

3 to 4 ft. 60c. each, \$5.00 for 10.

florida. Pure snow white flowers.

3 to 4 ft. 75c. each, \$7.00 for 10.

4 to 5 ft. \$1.25 each, \$10.00 for 10.

5 to 6 ft. \$1.75 each, \$15.00 for 10.

6 to 8 ft. \$2.25 each, \$20.00 for 10.

—**rubra** (Red Flowering Dogwood). A good bright, pink Dogwood.

2½ to 3 ft. \$1.50 each, \$13.00 for 10.

3 to 4 ft. \$2.00 each, \$17.50 for 10.

4 to 5 ft. \$3.00 each, \$27.50 for 10.

5 to 6 ft. \$4.00 each, \$35.00 for 10.

sanguinea. The well known red branched Dogwood.

3 to 4 ft. 60c. each, \$5.00 for 10.

CORYLUS purpurea (Purple leaved Filbert) (Hazelnut).

2 to 2½ ft. \$1.50 each 3 to 4 ft. \$2.00 each

CRATÆGUS coccinea (Scarlet Fruited Thorn).

4 to 5 ft. \$1.00 each

Crus-galli (Cockspur Thorn).

Oxyacantha (English Hawthorn). Single white flowers.

—**alba plena**. Double white flowers.

—**flore rosea plena**. Beautiful pink, double.

W. Paul's Scarlet. Rich brilliant scarlet flowers.

3 to 4 ft. \$1.25 each 4 to 5 ft. \$1.50 each

5 to 6 ft. \$2.00 each

CYDONIA japonica (Japan Quince).

2½ to 3 ft. 60c. each, \$5.50 for 10.

DAPHNE cneorum (Garland Flower). Flowers bright pink.

15 to 18 in. \$1.00 each, \$9.00 for 10.

Mezereum (Mezereon Pink).

12 to 15 in. \$1.00 each 15 to 18 in. \$1.50 each

DEUTZIA crenata fl. pl. Flowers double, pinkish white.

2 to 3 ft. 50c. each, \$4.50 for 10.

3 to 4 ft. 75c. each, \$7.00 for 10.

gracilis. A fine hardy shrub, forming a round and compact mass of white in June.

1 to 1½ ft. 50c. each, \$4.50 for 10.

1½ to 2 ft. 75c. each, \$7.00 for 10.

Lemoinei. 2 to 2½ ft. 75c. each
Pride of Rochester. Double white flowers, tinged pink.

2 to 3 ft. 50c. each, \$4.50 for 10.

3 to 4 ft. 75c. each, \$7.00 for 10.

ELÆGNUS longipes (Silver Thorn). The foliage is bright green above and silvery white beneath.

2 to 3 ft. 75c. each, \$7.00 for 10.

ERICA vulgaris (*Calluna vulgaris*) (Heath) (Scotch Heather) 75c. each, \$7.00 for 10.

EUONYMUS americanus (Strawberry Bush) (Spindle Tree, or Burning Bush). An erect growing shrub with slender, green branches.

2 to 3 ft. 75c. each, \$6.50 for 10.

3 to 4 ft. \$1.00 each, \$9.00 for 10.

alatus. The foliage is fine rose color in the Autumn.

2½ to 3 ft. \$1.00 each 3½ to 4 ft. \$1.25 each

europæus. A large shrub or tree, bearing rose-colored fruit in Autumn; fine.

3 to 4 ft. 75c. each

FORSYTHIA Fortunei (Golden Bell). Bark bright yellow; blooms in dense masses of golden flowers in April.

suspensa (Weeping Golden Bell). Somewhat pendulous in habit.

viridissima. Blooms early in Spring, before the leaves appear.

2 to 3 ft. 50c. each, \$4.50 for 10.

3 to 4 ft. 75c. each, \$6.50 for 10.

4 to 5 ft. \$1.00 each, \$9.00 for 10.

HALESIA tetraptera (Silver Bell) (Snowdrop Tree). A beautiful, large shrub, with pretty, white, bell shaped flowers.

3 to 4 ft. \$1.25 each 4 to 5 ft. \$1.50 each

HYDRANGEA arborescens grandiflora (Hills of Snow). Foliage green, bluish underneath. Flowers June and July.

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

—**paniculata grandiflora**. This is a grand plant, showy and attractive, lasting in bloom for months.

2 to 3 ft. \$1.00 each, \$9.00 for 10.

3 to 4 ft. \$1.25 each, \$11.00 for 10.

Standards, 3 yr. head. \$1.50 each

Otaksa. Immense heads of either pink or blue flowers.

Extra heavy pot grown plants, \$1.00 to \$2.00 each

Plants in tubs. \$4.00 to \$10.00 each

Specimens. \$15.00 to \$25.00 each

French Varieties

Baby Bimbinet. Very dwarf, free, and early; large, compact trusses of silvery rose flowers.

Eclairer. Bright carmine rose.

General de Vibraye. Large; bright rose.

Louis Foucard. Distinct, deep, cheerful reddish carmine.

Mme. Maurice Hamar. Very good pink.

Souv. de Mme. E. Chautard. The most popular, early, free pink.

Pot grown plants, \$1.00 each, \$9.00 for 10.

HYPERICUM aureum (St. John's Wort). Flowers of bright yellow, July to August.

Moserianum. Beautiful golden yellow flowers, crimson stamens. Of dwarf habit.

All *Hypericums*, 50c. each, \$4.50 for 10.

ILEX crenata macrophylla (Japanese Holly).

This is a rapid grower, forming a dense, compact bush, which can be clipped into a shape like Boxwood.

12 in. \$2.00 each, \$18.00 for 10.

18 in. \$3.00 each, \$27.50 for 10.

24 in. \$4.00 each, \$35.00 for 10.

KALMIA latifolia (Mountain Laurel, or Calico Bush). 1½ ft., nursery grown. \$2.50 each

2 ft., nursery grown. \$4.00 each

3 ft., nursery grown. \$6.00 each

LIGUSTRUM amurense (Japanese Privet). Large, oblong, glossy green foliage, half evergreen; grows to 15 ft. 3 to 4 ft. 50c. each, \$4.50 for 10.

Ibota (New Japanese Privet). Large, glossy, distinct foliage. 2½ to 3 ft. 50c. each, \$4.50 for 10.

ovalifolium (California Privet). Vigorous shrub of excellent habit.

3 to 4 ft. 50c. each, \$4.50 for 10.

4 to 5 ft. 75c. each, \$6.50 for 10.

Globe shaped, clipped, 2½ ft. \$4.00 each

3 ft. \$5.00 each 3½ ft. \$6.00 each

Regelianum. Splendid dense horizontal growing shrub. 1½ to 2 ft. 50c. each, \$4.50 for 10.

2 to 2½ ft. 75c. each, \$6.50 for 10.



FLOWERING AND FOLIAGE SHRUBS—Continued

LILACS. See SYRINGA

LONICERA (Bush, or Upright Honeysuckle).

fragrantissima (Fragrant Upright Honeysuckle).

Graceful spreading habit, rich dark green foliage; fragrant flowers.

Morrowii. Pure white flowers; bright red fruit; August till late Fall.

tatarica (Tartarian Honeysuckle). Pink flowers.

—**alba** (White Tartarian Honeysuckle).

2 to 3 ft.50c. each, \$4.50 for 10.

3 to 4 ft.75c. each, \$7.00 for 10.

MAGNOLIA acuminata. A beautiful pyramidal growing tree; large foliage; flowers greenish white. 6 to 8 ft. \$2.25 each

Soulangeana. Flowers white, with purple at base of petals.

2 to 3 ft. . . \$5.00 each 3 to 4 ft. . . \$6.00 each

Lennei (Lenne's Magnolia). Foliage large; flowers cup shaped, dark purple.

2 to 3 ft. . . \$5.00 each 3 to 4 ft. . . \$7.00 each

MAGNOLIA atrosanguinea (Crab). Makes a good head, covered with deep carmine flowers.

floribunda (Profuse Flowering Crab). Forms a shapely bush or small tree; bud warm red, opening to light pink, delicately shaded.

Scheideckeri (Double Flowering Crab). Has fine double flowers of a light rose color.

3 to 4 ft. . . \$1.25 each 4 to 5 ft. . . \$1.50 each

5 to 6 ft. \$2.00 each

PACHYSANDRA terminalis. One of the most valuable evergreen shrubs for dense shade.

6 to 9 in. \$2.00 for 10, \$18.00 per 100.

PHILADELPHUS coronarius (Common Mock Orange). Flowers pure white and very fragrant. Blooms in June.

2 to 3 ft.50c. each, \$4.50 for 10.

3 to 4 ft.75c. each, \$6.50 for 10.

—**aureus.** Foliage golden yellow; very effective. 18 to 24 in.75c. each, \$7.00 for 10.

grandiflorus. Flowers creamy white; vigorous shrub.

2 to 3 ft.50c. each, \$4.50 for 10.

3 to 4 ft.75c. each, \$7.00 for 10.

Lemoinei, Avalanche. Graceful, slender, arching branches and showy white flowers.

1½ to 2 ft. . .50c. each 2 to 3 ft. . .75c. each

PRUNUS Pissardii (Purple leaved Plum). Vigorous, upright growth.

3 to 4 ft.50c. each, \$4.50 for 10.

4 to 5 ft.75c. each, \$6.50 for 10.

—**persica flore albo-plena** (Double White Flowering Peach).

3 to 4 ft. \$1.00 each

—**rubro plena** (Double Red Flowering Peach).

3 to 4 ft. \$1.00 each

triloba (Double Flowering Plum).

2 to 3 ft. . . \$1.00 each 3 to 4 ft. . . \$1.25 each

RHODODENDRONS (Hardy Hybrid Varieties).

Handsome grouping and border effects can be created by using these charming hybrids.

18 to 24 in. \$5.00 each

24 to 30 in. \$6.50 each

30 to 36 in. \$8.00 each

maximum (Great Laurel). Is admirably adapted to massing, will thrive in shady or exposed positions, and is perfectly hardy. Nursery grown.

2 to 3 ft. . . \$6.00 each 3 ft. . . . \$7.00 each

3 to 4 ft. \$9.00 each

RHUS Cotinus (Sumach) (Purple Fringe, or Smoke Tree). A curious, large growing shrub, forming broad, round headed bushes.

2 to 3 ft.75c. each, \$7.00 for 10.

3 to 4 ft. \$1.00 each, \$9.00 for 10.

typhina (Staghorn Sumach).

3 to 4 ft.50c. each, \$4.50 for 10.

4 to 5 ft.75c. each, \$7.00 for 10.

—**laciniata** (Fern leaved Staghorn Sumach).

2 to 3 ft.50c. each, \$4.50 for 10.

3 to 4 ft.75c. each, \$7.00 for 10.

RIBES (Currant). The flowering Currants are gay, beautiful shrubs in early Spring and of easiest culture.

odoratum (aureum). Beautiful yellow flowers; very fragrant; smooth, shining foliage.

sanguineum. Charming crimson flowers.

1½ to 2 ft.50c. each, \$4.50 for 10.

RUBUS odoratus (Flowering Raspberry). Clusters of beautiful pink or purple fragrant blossoms all Summer.

2 to 3 ft.50c. each 3 to 4 ft. . .75c. each

SAMBUCUS (Elder). These are large, showy shrubs, ornamental in flower, fruit and foliage; of easy cultivation.

canadensis (Common Elder).

nigra aurea. Golden yellow foliage.

2 to 3 ft.50c. each, \$4.50 for 10.

3 to 4 ft.75c. each, \$7.00 for 10.

SPIRÆA Bumalda. Very handsome; rose colored flowers. Dwarf. 18 in. 75c. each, \$6.50 for 10.

Anthony Waterer. Grows dwarf. The brightest colored of all the Spiræas.

1½ to 2 ft. . .75c. each 2 to 3 ft. . . \$1.00 each

opulifolius (Ninebark). Of vigorous growth, with flat clusters of white flowers.

3½ to 4½ ft.50c. each, \$4.50 for 10.

4½ to 5½ ft.75c. each, \$6.50 for 10.

prunifolia fl. pl. (Bridal Wreath). Small, double, white flowers, borne close to the branches.

2 to 3 ft.75c. each 3 to 4 ft. . . \$1.00 each

Thunbergii. Pure white flowers.

2 to 2½ ft.75c. each

Van Houttei. Pure white flowers. Tall.

2 to 3 ft.75c. each 3 to 4 ft. . . \$1.00 each



Philadelphus coronarius



FLOWERING AND FOLIAGE SHRUBS—Continued

STEPHANANDRA flexuosa. The leaves are finely and delicately cut. Flowers are creamy white.
2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

STYRAX japonica. Leaves resemble those of the Dogwood; flowers pure white; bell shaped.
2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

SYMPHORICARPOS racemosus (Snowberry). Small pink flowers in Summer, followed by large, waxy white berries in Autumn.
2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

vulgaris (Coral Berry). Vigorous and quick grower, covered with purple berries all Summer.
2 to 3 ft. 50c. each 3 to 4 ft. 75c. each

SYRINGA japonica (Lilac). A tree like form, with glossy, leathery leaves; yellowish white flowers.
2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

persica. Of more slender growth than the common Lilac; purple flowers in immense spikes.
2 to 3 ft. 75c. each

vulgaris. The common purple species.

—**alba.** Flowers pure white; fragrant.
2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

—**Charles X.** Reddish purple.

—**Marie Le Graye.** Beautiful creamy white flowers.

—**Michael Buchner.** Pale lilac flowers, double.

—**Mme. Casimir-Perier.** Finest double white Lilac.

—**Mme. Lemoine.** Fine double white variety.

—**President Grevy.** Very large and double; beautiful blue panicles nearly a foot long.

—**Rubra de Marly.** Similar to the Common Lilac in growth, bearing purplish flowers.

—**Souvenir de Louis Spæth.** Immense trusses of a deep rosy purple; very choice.
3 ft. \$1.00 each 3 to 3½ ft. \$2.00 each

TAMARIX africana (Tamarisk). Strong, growing shrubs, with feather foliage and small, delicate flowers.
2 to 3 ft. 50c. each 3 to 4 ft. ... \$1.00 each

VIBURNUM. A very popular shrub, known as the Snowball.

dentatum. Curious dentated leaves and greenish white flowers; pretty berries in Autumn.

2 to 3 ft. 75c. each, \$6.50 for 10.
3 to 4 ft. \$1.00 each, \$9.00 for 10.

Lantana. The large white flower clusters open in May and are followed by red fruits.

2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

opulus sterile (Snowball). Globes of pure white flowers. Very striking.

2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

plicatum (Japan Snowball). Very handsome, with white flowers; most beautiful and useful of all.

2 to 3 ft. \$1.00 each 3 to 4 ft. ... \$1.25 each

WEIGELA (Diervilla). A valuable, bold, graceful shrub. Flowers trumpet shaped, varying in color from pure white to dark red.

amabilis. Vigorous and attractive shrub, with light pink flowers.

2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

candida. Flowers pure white; strong grower.

2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

Eva Rathke. Rich reddish purple.

1½ to 2 ft. 75c. each 2 to 2½ ft. \$1.00 each

rosea. Handsome rose colored flowers.

2 to 3 ft. 75c. each 3 to 4 ft. ... \$1.00 each

Ornamental Evergreens and Conifers

ABIES concolor (Concolor Spruce). Large, broad, silvery green foliage.

1½ ft. \$3.50 each 2 ft. \$4.00 each
3 ft. \$7.00 each

Nordmanniana (Nordmann's Silver Fir). Horizontal branches, with large, massive, dark green foliage, glaucous underneath.

1½ ft. \$3.00 each 2 ft. \$4.00 each
2½ ft. \$5.00 each

Veitchii (Veitch's Silver Fir). A very rare and beautiful species.

2 ft. \$3.50 each 3 ft. \$6.00 each
4 ft. \$8.00 each 5 ft. \$10.00 each

BOXWOOD (*Buxus sempervirens* (Common Tree Box). A large shrub with thick, leathery dark green leaves. Bears shearing well and can be shaped in any form desired.

Bush Form. In various sizes, \$1.00 to \$15.00 each.

Pyramids. In various sizes, \$7.00 to \$20.00 each.

BOXWOOD EDGING, Dwarf Box. The well known Box used for edging, and invaluable for that purpose.

3 to 5 in. \$10.00 per 100
5 to 7 in. \$15.00 per 100
8 to 10 in. \$30.00 per 100

CRYPTOMERIA japonica Lobbi. A fine novelty of slender habit; leaves deep green, changing to russet in Fall; perfectly hardy.

3 ft. \$6.00 each 4 ft. \$10.00 each

JUNIPERUS (*Juniper*) **excelsa stricta.** Foliage glaucous and arranged around the branches in threes, dense and prickly.

1 ft. \$2.50 each 1½ ft. \$3.00 each
2 ft. \$4.00 each 2½ ft. \$5.00 each

hibernica (Irish Juniper). A distinct and beautiful variety, of erect, dense, conical outline.

1½ ft. \$1.50 each 2 ft. \$2.00 each
2½ ft. \$2.50 each

Pfitzeriana. Very distinct, being of striking graceful habit; the color bright silvery green; perfectly hardy.

1½ ft. \$3.00 each 2½ ft. \$5.00 each

Sabina (Compact Savin Juniper). Low, trailing habit and fine for massing.

18 in. \$2.50 each 24 in. \$3.00 each

—**tamariscifolia.** A distinct trailing variety.
15 to 18 in. spread. \$2.00 each

virginiana (Red Cedar).

2½ ft. \$2.00 each 3 ft. \$3.00 each
4 ft. \$4.00 each

—**glauca** (Silvery Red Cedar).

3 ft. \$6.00 each 4 ft. \$8.00 each
5 ft. \$10.00 each



EVERGREENS AND CONIFERS—Continued

**Pinus Strobus**

PICEA alba (White Spruce). Fine, compact, pyramidal form, moderate growth.

1½ ft. \$1.50 each 2 ft. \$2.50 each
2½ ft. \$3.50 each 3 ft. \$4.50 each

excelsa (Norway Spruce). Leaves dark green; very handsome; of pyramidal, lofty appearance.

2 ft. \$1.50 each 3 ft. \$3.00 each
4 ft. \$4.00 each 5 ft. \$5.00 each

pungens (Colorado Spruce). Leaves bluish.

2 ft. \$2.50 each 2½ ft. \$3.50 each
3 ft. \$4.50 each

pungens glauca Kosteri. The bluest of Blue Spruces.

2 ft. \$8.00 each 2½ ft. \$10.00 each
3 ft. \$15.00 each 4 ft. \$20.00 each
5 ft. \$25.00 each

PINUS austriaca (Austrian Pine). A robust, stately tree of rapid growth and very hardy.

2 to 2½ ft. \$3.00 each 3 ft. \$4.00 each
4 ft. \$6.00 each

Mughus (Dwarf Mugho Pine).

12 to 15 in. diam. \$3.00 each
1½ to 2 ft. diam. \$5.00 each
2½ to 3 ft. diam. \$7.00 each
3 to 4 ft. \$10.00 each

Strobus (White Pine). One of the best native Pines; pale light green foliage.

2½ ft. \$3.00 each 3 to 4 ft. \$4.00 each
4 to 5 ft. \$6.00 each 5 to 6 ft. \$8.00 each

sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.

2 ft. \$2.00 each 3 ft. \$3.50 each
4 ft. \$6.00 each 5 ft. \$8.00 each

RETINISPORA filifera (Japanese Cedars). Thread branched, drooping branches, bright green; very pretty.

1½ ft. \$3.00 each 2 ft. \$4.00 each
2½ ft. \$5.00 each

—**aurea**. Golden; most attractive.

18 in., bushy shaped. \$5.00 each

obtusa. Graceful tree, foliage bright, clear green.

2 ft. \$3.50 each 2½ ft. \$4.00 each

3 ft. \$6.00 each

pisifera (Sawara Cypress). Branches horizontal, with leaves feathery green above, whitish lines beneath.

1½ ft. \$2.50 each 2 ft. \$3.00 each

3 ft. \$5.00 each

—**aurea**. Golden feathery foliage.

1½ ft. \$2.50 each 2 ft. \$3.50 each

3 ft. \$5.00 each

plumosa. Graceful habit.

1½ ft. \$2.50 each 2 ft. \$3.50 each

2½ ft. \$4.00 each 3 ft. \$6.00 each

—**aurea**. Golden foliage.

1½ ft. \$2.50 each 2 ft. \$3.50 each

3 ft. \$5.00 each

—**squarrosa Veitchii**. Light bluish green foliage.

1½ ft. \$2.50 each 2 ft. \$3.50 each

2½ ft. \$4.50 each 3 ft. \$7.50 each

SCIADOPITYS verticillata (Japanese Umbrella Pine). Very long leaves, much wider than those of other conifers, shining green above and a line of white underneath.

3 ft. \$12.00 each

4 ft. \$15.00 each

5 ft. \$18.00 each

TAXUS baccata repandens (Yew). This is the hardiest of all prostrate varieties and will grow in almost any position. It is excellent for hedging, grouping and covering banks. The slender, pointed leaves gently curve upward, and are of a lustrous green.

1½ to 2 ft. diam. \$3.00 each

2 to 2½ ft. diam. \$5.00 each

2½ to 3 ft. diam. \$8.00 each

cuspidata (capitata). This is the only hardy upright growing Yew in the northern states.

A fast grower, standing our most severe Winters and keeping its fresh color throughout the year.

Bushy, compact specimens trimmed several times

1½ to 2 ft. \$3.50 each

2 to 2½ ft. \$6.00 each

2½ to 3 ft. \$8.00 each

cuspidata. Spreading form.

1½ to 2 ft. high, 1½ ft. wide. \$4.00 each

2 to 2½ ft. high, 3 ft. wide. \$7.50 each

2½ to 3 ft. high, 3½ to 4 ft. wide. \$12.50 each

—**nana brevifolia**. Really an excellent Yew, with fine, spreading branches and rich deep green, short leaves. Highly recommended.

15 in. \$2.25 each 1½ ft. \$3.25 each

2 ft. \$5.00 each

THUYA pyramidalis (Pyramidal Arbor Vitæ). A most valuable, upright evergreen, of dense, compact habit. Foliage light green.

2½ ft. \$3.00 each 3 to 4 ft. \$4.00 each

4 to 5 ft. \$5.00 each

occidentalis (Common American Arbor Vitæ).

2 to 2½ ft. \$2.00 each 3 ft. \$3.00 each

4 to 5 ft. \$5.00 each 5 to 6 ft. \$7.00 each

—**Wareana occidentalis sibirica** (Siberian Arbor Vitæ). Large, bold, glaucous green foliage.

2 ft. \$2.50 each 2½ ft. \$3.00 each

canadensis (Common Hemlock). One of the most handsome and graceful evergreens.

2 to 2½ ft. \$3.50 each 2½ to 3 ft. \$5.00 each

3 to 4 ft. \$6.50 each 4 to 5 ft. \$9.00 each



Ornamental and Shade Trees

ACER dasycarpum (White or Silver-leaved Maple)

Large sized tree; rapid grower.

10 to 12 ft., 1½ in. diam.	\$2.00 each
12 to 14 ft., 2 in. diam.	\$3.50 each
14 to 16 ft., 2½ in. diam.	\$6.00 each

—Wieri laciniatum (Wier's Cut leaved Silver Maple). Very beautiful variety, with delicately cut leaves and graceful drooping branches.

10 to 12 ft., 1½ in. diam.	\$3.00 each
12 to 14 ft., 2 in. diam.	\$5.00 each
14 to 16 ft., 2½ in. diam.	\$7.00 each

platanoides (Norway Maple). Vigorous growing tree, of spreading rounded form.

10 to 12 ft., 1½ in. diam.	\$3.00 each
12 to 14 ft., 2 in. diam.	\$6.00 each
14 to 16 ft., 2½ in. diam.	\$8.00 each

saccharinum (Sugar, or Rock Maple). Of vigorous growth; more or less pyramidal form.

10 to 12 ft., 1¼ in. diam.	\$2.50 each
12 to 14 ft., 1¾ in. diam.	\$4.50 each
13 to 15 ft., 2 in. diam.	\$6.00 each

ÆSCULUS Hippocastanum (European White flowering Horse Chestnut). A compact, handsome tree. Foliage appears very early in Spring.

8 to 10 ft., 1¾ in. diam.	\$3.50 each
10 to 12 ft., 2½ in. diam.	\$7.00 each

BETULA alba (European White Birch). Rapid grower. Bark silvery white; branches spray-like.

6 to 8 ft.	\$1.50 each
8 to 10 ft.	\$2.25 each

papyracea (Paper, or Canoe Birch). Handsome tree; tall growing. Leaves large; bark silvery white.

6 to 8 ft.	\$2.25 each
8 to 10 ft.	\$3.25 each

CATALPA Bungei. A rapid growing tree, with a dense mass of large, heart shaped light green leaves. Excellent for formal effects. Handsome, globe headed standards.

Stems, 5 to 6 ft., heads 1½x2 ft.	\$3.00 each
Stems, 6 to 7 ft., heads 1½x2 ft.	\$4.00 each
Stems, 7 to 8 ft., heads 2x2 ft.	\$5.00 each

FAGUS sylvatica (European, or English Beech).

3 to 4 ft.	\$2.00 each
4 to 5 ft.	\$3.00 each
5 to 6 ft.	\$4.00 each

sylvatica pendula (Weeping Beech).

6 to 8 ft.	\$6.50 each
10 to 12 ft.	\$10.00 each

—purpurea (Purple-leaved Beech).

3 to 4 ft.	\$2.50 each
4 to 5 ft.	\$4.00 each
5 to 6 ft.	\$6.00 each

FRAXINUS americana (White Ash). A splendid tall growing tree.

8 to 10 ft., 1¼ in. diam.	\$2.00 each
10 to 12 ft., 1½ in. diam.	\$2.50 each
12 to 14 ft., 2 in. diam.	\$3.50 each

adiantifolia. A grand Japanese tree of compact, pyramidal habit.

8 to 10 ft.	\$3.00 each
10 to 12 ft.	\$4.00 each

MORUS pendula (Teas' Weeping Mulberry). A beautiful, hardy, ornamental tree; forms a perfect umbrella-shaped head.

5 to 7 ft., 1-yr. heads.	\$2.50 each
5 to 7 ft., strong, 2-yr. heads.	\$3.50 each

PLATANUS orientalis (Oriental Plane). A superb tree of gigantic proportions, extensively used in Europe for park, street and avenue planting.

8 to 10 ft., 1¼ in. diam.	\$2.00 each
10 to 12 ft., 1½ in. diam.	\$3.00 each
12 to 14 ft., 2 in. diam.	\$4.00 each
14 to 16 ft., 2½ in. diam.	\$6.00 each

POPULUS carolinensis; syn. monolifera (Carolina Poplar). Rapid grower; very valuable for screening.

9 to 10 ft.	\$1.00 each
10 to 12 ft.	\$1.50 each
12 to 14 ft.	\$2.50 each
14 to 16 ft.	\$4.00 each

fastigiata, or dilatata (Lombardy, or Italian Poplar). An ornamental and picturesque tree.

8 to 10 ft., 1 in. diam.	\$1.00 each
10 to 12 ft., 1½ in. diam.	\$1.50 each
12 to 14 ft., 1¾ in. diam.	\$2.25 each
13 to 15 ft., 2 in. diam.	\$3.00 each

QUERCUS americana rubra (American Red Oak). Beautiful tree of rapid growth.

8 to 10 ft., 1½ in. diam.	\$4.00 each
10 to 12 ft., 2 in. diam.	\$6.00 each

palustris (Pin Oak). A superb and very distinct tree, with graceful drooping branches.

8 ft., 1¼ in. diam.	\$3.00 each
8 to 10 ft., 1½ in. diam.	\$4.00 each
10 to 12 in., 2 in. diam.	\$5.50 each
12 to 14 ft., 2¼ in. diam.	\$7.50 each

Salix babylonica (Babylonian, or Weeping Willow). A well known and graceful variety.

6 to 8 ft.	\$1.00 each
8 to 10 ft.	\$1.50 each
10 to 12 ft.	\$2.00 each

Caprea (Pussy Willow).

3 to 4 ft.	75c. each
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elegantissima (Thurlo's Weeping Willow). Long spreading branches, beautifully drooping.

6 to 8 ft.	\$1.00 each
8 to 10 ft.	\$1.50 each

SORBUS aucuparia (Mountain Ash). A fine tree, dense and regular; covered all Summer with great clusters of scarlet berries.

6 to 8 ft.	\$1.50 each
8 to 10 ft.	\$2.00 each

pendula (Weeping Mountain Ash).

6 ft. stems, 2 yr. heads.	\$3.50 each
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TILIA argentea (White, or Silver Linden). Distinct ornamental shade tree.

8 to 10 ft., 1½ in. diam.	\$3.25 each
10 to 12 ft., 1¾ in. diam.	\$4.25 each
12 to 14 ft., 2 in. diam.	\$5.50 each
14 to 16 ft., 2½ in. diam.	\$8.00 each

platyphyllos (Broad leaved European Linden).

8 to 9 ft., 1¼ in. diam.	\$2.75 each
9 to 10 ft., 1½ in. diam.	\$3.50 each
10 to 12 ft., 1¾ in. diam.	\$4.00 each
12 to 14 ft., 2½ in. diam.	\$7.50 each

ULMUS americana (American White, or Water Elm). Very tall growing and stately.

8 to 10 ft., 1¼ in. diam.	\$2.25 each
10 to 12 ft., 1¾ in. diam.	\$3.50 each
12 to 14 ft., 2 in. diam.	\$5.00 each

montana pendula (Camperdown Weeping Elm).

5 to 7 ft., 1 yr. heads.	\$3.00 each
5 to 7 ft., 2 yr. heads.	\$4.00 each

FRUIT TREES

Planting.—Make the holes large enough to admit the roots without cramping or bending, and deep enough to set the trees to their natural depth. Fine surface soil should be used for covering the roots, and this should be carefully mixed among them. If the ground is dry, it is well to pour in some water when the hole is partially filled. See that the ground is firmly and solidly packed over all parts of the roots. Fill the holes full enough to be even with the surrounding surface after the fresh earth settles. Never use manure in contact with the roots.

APPLES

SUMMER VARIETIES

- *Early Harvest. Medium, yellow.
- *Red Astrachan. Small, red.
- *Yellow Transparent. Large, yellow.

WINTER VARIETIES

- *Baldwin. Medium, red.
- *Greening. Large, greenish.
- King. Large, red.
- McIntosh. Large, red.

FALL VARIETIES

- *Farmeuse. Medium, black red.
- Gravenstein. Large, yellow and red.
- *Oldenburg. Large, red striped.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1¼-in., \$3.00 each; 1½-in., \$5.00 each; larger specimens, \$7.50 to \$10.00 each.

Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

PEARS

- *Bartlett. Large, early.
- *Beurre d'Anjou. Large, late.
- Comice. Very large, late.
- Duchess. Large, late.

- Louis Bonne. Large, early.
- Kieffer. Large, late.
- Seckel. Small, late.
- Beurre Diel. Very large, late.

Prices on above standard trees, 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each; 2-in., \$5.00 each.

Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

CHERRIES

- Black Tartarian. Sweet, late June.
- May Duke. Dark red, sour. June.

- Montmorency. Red, sour. June.
- Napoleon. Yellow, sweet. July.

Prices, 1-in. diameter, \$2.00 each; 1¼-in. diameter, \$3.00 each.

PEACHES

- Belle of Georgia. White Freestone. July.
- Champion. White Freestone. Aug.
- Stump of the World. White Freestone. Sept.
- Mountain Rose. White Freestone. Aug.

- Early Crawford. Yellow Freestone. Aug.
- Late Crawford. Yellow Freestone. Aug.
- Elberta. Yellow Freestone. Aug.
- Carmen. White Freestone. Aug.

Prices of above, ⅝-in. diameter, 75c. each; ¾-in. diameter, \$1.00 each.

PLUMS

- Bradshaw. Large, dark red. August.
- Coe's Golden Drop. Large, yellow, late.

- Damson. Small, purple. Sept.
- Lombard. Medium, violet. Sept.

Prices of above, 1¼-in. diameter, \$2.00 each; 1½ in. diameter, \$3.00 each.

QUINCES

- Champion. Yellow. November.

- Orange. Golden. November.

Prices of above, ⅝-in. diameter, \$1.50 each; ¾-in. to 1-in. diameter, \$2.00 each.

Deciduous Hedge Plants

LIGUSTRUM ibota (New Japanese Privet). Large, glossy, distinct foliage. 1½ to 2 ft., bushy, 25 for \$5.50, 100 for \$20.00; 2 to 3 ft., bushy, 25 for \$8.00, 100 for \$30.00; 3 to 4 ft., bushy, 25 for \$11.00, 100 for \$40.00.

ovatifolium (California Privet). Large, glossy, dark green foliage; one of the most popular hedge plants. Rugged and enduring in almost any situation; retains its foliage until late in Winter. 1½ to 2 ft., bushy, 25 for \$3.00, 100 for \$10.00; 2 to 3 ft., bushy, 25 for \$4.00, 100 for \$12.00; 3 to 4 ft., bushy, 25 for \$5.00, 100 for \$18.00.

amurense (Amoor River Privet). Large, oblong, glossy green foliage and clusters of white, fragrant flowers; half evergreen. A variety of sterling merit; useful for hedges. 2 to 3 ft., 25 for \$8.00, 100 for \$30.00; 3 to 4 ft., 25 for \$11.00, 100 for \$40.00.

SMALL FRUITS

BLACKCAPS

Black Diamond. Very large; ripens early; very sweet and of fine flavor. Pulp, few seeds.

Cumberland. Very large, glossy berries; firm, juicy and sweet. Heavy cropper.
\$1.25 for 10, \$8.00 for 100.

BLACKBERRIES

Eldorado. Medium size; jet-black; pleasant, melting flavor, sweet and rich. The vine is very hardy and productive.

Kittatinny. Large; glossy black; sweet and juicy; excellent when fully ripe; fine for dessert or preserving.

Strong plants, \$1.25 for 10, \$8.00 per 100.

CURRANTS

Black Champion. Bush vigorous and productive. A desirable variety for general culture.

Cherry. Bush vigorous, stocky and compact; fruit large; color bright red; berry thin-skinned, juicy and fine flavored.

Perfection. Bush vigorous, hardy and very productive; berries larger than Cherry, with large clusters; color bright red.

White Grape. An excellent white variety; of large size; very sweet.

Strong, 2-year-old bushes, 50c. each, \$4.50 for 10.

GOOSEBERRIES

Josselyn. Large red fruit.

Smith's Improved. Fruit greenish yellow.

Triumph. Fruit golden yellow.

2-year-old bushes, 50c. each, \$4.50 for 10.

LOGANBERRIES

Fruit similar to the Blackberry; color dark bright red; excellent for table and canning. Strong plants, 50c. each, \$4.50 for 10.

RASPBERRIES

Cuthbert. Deep, rich crimson.

Golden Queen. Large; amber-color; firm; fine quality. Remarkably productive.

Herbert. Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat.

St. Regis (Perpetual). Bright crimson; large berries all through Summer and Fall.

Strong plants, 2-year-old, \$1.25 for 10, \$8.00 per 100.

La France. The giant everbearing red Raspberry. Strong canes, \$6.00 per doz., \$49.00 per 100.

Perpetual Superlative. While this very wonderful variety is as yet little known, the red berries are very large and firm. It is a heavy cropper and bears until frost. \$5.00 for 10, \$45.00 per 100.

WINEBERRIES

A very hardy and vigorous berry. Large clusters of scarlet-wine color fruit. Strong plants, \$1.50 for 10.

Grapes

BLACK GRAPES

Campbell's Early. Handsome black berries, with purple bloom; rich.

Concord. Fine black variety; splendid flavor; reliable and productive; one of the most popular.

Moore's Early. Bunch medium; berry very large, with heavy blue bloom; good quality.

RED AND REDDISH PURPLE GRAPES

Agawam. Large bunches; red berries, tender and juicy. Good bearer. Ripens early.

Brighton. Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive.

Catawba. Bunches large and loose; berries large coppery-red, becoming purple when well ripened.

Moyer. Cluster has large berries and ripens early; of sweet and delicious flavor. Tender and juicy.

WHITE GRAPES

Duchess. Bunch medium to large, long and compact; berries medium, roundish; skin thick, greenish yellow when ripe, juicy and sweet.

Empire State. Bunch large; berry medium to large; flesh tender, sweet and juicy.

Niagara. Bunch medium to large; berry large, roundish, uniform; skin thin, with a thin, whitish bloom; flesh slightly pulpy; tender and sweet.

Extra strong, 3-year-old canes, 50c. each, \$4.50 for 10.

Foreign Pot-Grown Grape Vines

BLACK VARIETIES

Black Hamburg. Berries large, juicy and rich.

Golden Hamburg. Large, oval, golden berries.

Gros Colman. Large bunches of fine berries.

Madrisfield Court. Large berries, rich Muscat flavor.

WHITE VARIETIES

Foster's White Seedling. Full size oval berries.

Muscat of Alexandria. Best white variety. Strong fruiting canes, 2-year-old, \$7.00 each.

Strawberry Plants

Strawberries do well on almost any soil, provided it is well drained, deeply worked and well manured. Set in rows 2 to 3 feet apart and 12 to 18 inches apart in the rows.

Big Joe

Campbell's Early

Early Jersey Giant

Layer plants, 60c. for 25, \$2.00 per 100, \$18.00 per 1000.

Early Ozark

Glen Mary

Kellogg's Premier

EVERBEARING, or FALL FRUITING VARIETIES

Americus. Fruit of medium size.

Progressive. Strong grower, berries round, deep crimson.

Layer plants, \$1.00 for 25, \$3.00 per 100, \$20.00 per 1000.

HORTICULTURAL TOOLS AND REQUISITES

APRONS, Gardener's Rubber. Waterproof.
Each \$2.00. Extra heavy \$4.60.

Gardener's Waterproof. Heavy drill, with
bib and two pockets. Each \$3.00.

ASPARAGUS BUNCHER. Each \$4.75.

ASPARAGUS KNIVES, English. Each \$2.00.

ASPARAGUS KNIVES, American. Each 50c.

AXES, Felling. With handle, \$3.00 to \$4.00.

BASKETS, Hanging, Wire. Painted, 8 in. 35c.,
10 in. 40c., 12 in. 50c., 15 in. 60c., 18 in. \$1.00,
21 in. \$1.35 each.

BASKETS, Orchid. 6 in., each 60c.; 8 in., each
80c.; 10 in., each \$1.00; 12 in., each \$1.20.

BASKETS, Rustic Hanging. 10 in. \$2.00, 12 in.
\$2.25, 14 in. \$2.50 each.

BELLOWS, Powder.

Small, Single Cone.

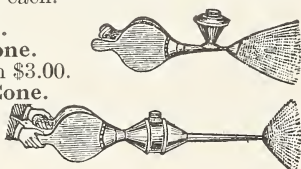
Each \$3.00.

Large, Single Cone.

Each \$5.00.

Double Cone

Each \$6.50.



"JUMBO" POWDER GUN. Each 40c.

BLAKE'S LEVER CLIPS. For fastening Rose
wires. Per 1000 \$2.25.

BOXES, Corrugated. Extra strong for shipping
cut flowers.

	Doz.	100
24 in. 8 in. 4 in.	\$4.00	\$30.00
28 in. 8 in. 5 in.	5.50	40.00
30 in. 12 in. 6 in.	7.00	50.00
36 in. 12 in. 8 in.	8.00	60.00
48 in. 14 in. 8 in.	9.50	70.00

Extra staples, 25c. per 100.

BOXES, Folding. For cut flowers. Made of
strong cardboard.

	Doz.	100
No. 2 18 in. 5 in. 3 in.	\$0.75	\$4.00
No. 5 21 in. 7 in. 3 1/2 in.	1.00	7.00
No. 8 24 in. 8 in. 4 in.	1.50	10.00
No. 11 28 in. 8 in. 5 in.	2.50	15.00
No. 19 36 in. 8 in. 5 in.	3.00	20.00

BROOMS, Birch. For lawns. Each 75c.

Barn or Floor. Corn with rattan center. Each
\$1.60.

Rattan Stable or Push. 16 in. extra quality.
Each \$2.00.

BRUSHES, Flower Pot, Cone Shaped. Made of
bristle, wood handle. Each, medium size, \$1.50;
large, \$1.75.

BRUSH HOOKS. With handle. Each \$3.00.

BRUSH HOOKS, English. Each \$3.00.

CANES, Bamboo.

	Doz.	100	1000
Green, 2 1/2 ft.	\$0.15	\$1.00	\$7.00
Green, 3 ft.	.20	1.25	10.00
Green, 4 ft.	.20	1.50	12.00
Green, 5 ft.	.25	2.00	15.00
Natural, 6 ft.	.25	2.00	18.00
Japanese, heavy, 8 ft.	.50	4.00	35.00
Japanese, heavy, 10 ft.	.60	5.00	40.00

CARNATION BANDS, Rubber. 30c. per oz.

CARNATION STAPLES. For split Carnations.
1000 50c.

Cokely's Staples. \$1.25 per 1000.

Cokely's Pliers for the above. Each \$3.00.

CARNATION SUPPORTS.

"Model Extension." Doz. 100

Wire, 2 ring.....\$1.00 \$7.00

Wire, 3 ring.....1.00 7.50

"Continuous Ring."

See page 86 for particulars.

CELERY BLEACHERS. Waterproof
paper collars, size 6 1/2 x 13 in. 100
\$4.00. See page 86.

COCOANUT FIBER. Useful for pot-
ting. Bag \$4.00.

COTTON BATTING. Large sheets,
40x40 in. Doz. \$1.00.

CORK BARK. For rustic work. Lb.
35c.

CUCUMBER GLASSES, English. Each \$2.50.

CULTIVATORS. (See pages 85, 90, 91).

DAHLIA STAKES. (See page 81).

DIBBLES. Iron point, with

wood handle, for transplant-

ing. Small, 50c.; large, 75c.

**FLOWER POTS, Standard
Earthenware.**

Size	Each	Doz.	100	1000
2 in.	\$0.02	\$0.20	\$1.30	\$11.50
2 1/4 in.	.02	.25	1.60	15.00
2 1/2 in.	.03	.30	2.00	17.00
3 in.	.04	.40	2.50	22.00
4 in.	.06	.60	4.00	35.00
5 in.	.08	.80	6.50	60.00
6 in.	.12	1.25	9.00	85.00
7 in.	.25	2.50	15.00	
8 in.	.30	3.00	22.00	
9 in.	.50	5.00	40.00	
10 in.	.70	6.00	45.00	
12 in.	1.00	12.00	90.00	

FLOWER POT SAUCERS, Earthenware.

Size	Each	Doz.	Size	Each	Doz.
4 in.	\$0.03	\$0.30	9 in.	\$0.13	\$1.30
5 in.	.04	.40	10 in.	.15	1.50
6 in.	.05	.60	11 in.	.20	2.00
7 in.	.08	.80	12 in.	.25	2.50
8 in.	.10	1.10	14 in.	.35	3.50

ROUND BULB or LILY PANS.

Wide	Deep	Each	Doz.	100
6 in.	3 in.	\$0.15	\$1.50	\$9.00
7 in.	3 1/2 in.	.25	2.50	15.00
8 in.	4 in.	.30	3.00	22.00
9 in.	4 1/2 in.	.50	5.00	40.00
10 in.	5 in.	.60	6.00	45.00
12 in.	6 in.	1.00	10.00	80.00

FERN PANS, Earthenware. Outside Measurements

Width	Height	Each	Doz.
4 3/4 in.	2 1/8 in.	\$0.09	\$0.90
5 1/2 in.	2 1/4 in.	.10	1.00
6 1/4 in.	2 1/2 in.	.11	1.10
7 in.	2 3/8 in.	.12	1.20
8 in.	3 1/8 in.	.16	1.60
9 in.	3 1/4 in.	.20	2.00

Prices subject to change.



HORTICULTURAL TOOLS AND REQUISITES—Continued

SEED PANS, Square Earthenware.		Each	Doz.
6x 6 in.		\$0.85	\$8.50
8x 8 in.		1.10	10.00
10x10 in.		1.35	13.50
12x12 in.		1.75	17.00

NEPONSET WATERPROOF PAPER FLOWER POTS. Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2¼ in.	\$0.10	\$0.60	\$5.50
2½ in.	.10	.75	6.50
3 in.	.15	1.00	8.50
3½ in.	.15	1.20	11.00
4 in.	.25	1.60	14.00
5 in.	.40	2.20	20.00
6 in.	.60	3.00	26.00

**FLOWER POT SAUCERS**

Indurated Wood Fibre.
Very light and durable. Not porous and will protect tables on which plants stand.

	Each	Doz.		Each	Doz.
5 in.	\$0.50	\$5.00	12 in.	\$0.80	\$8.00
6 in.	.55	5.50	14 in.	1.00	11.00
7 in.	.60	6.00	16 in.	2.00	19.00
8 in.	.65	6.50	18 in.	2.20	22.00
10 in.	.75	7.50	20 in.	3.00	30.00



FLOWER POT ROLLING STANDS. For heavy plants. Platforms are indurated fibre ware; will not soak or rust. Casters have ball bearings.

Outside diam.	Inside diam.	Each
12 in. 4 casters	10 in.	\$1.25
14 in. 4 casters	12 in.	1.50
18 in. 4 casters	16 in.	2.50
22 in. 5 casters	20 in.	3.50

FLOWER VASES, Indurated Wood Fibre. Inside measurements.

No.	Diameter	Deep	Each	Doz.
0	8	13	\$2.00	\$23.00
1	5½	10	1.75	20.00
2	4½	9	1.65	19.00
3	4	6	1.50	17.00
4	3	4½	1.30	14.50
00	9	22	6.00	70.00
01	7	20	3.50	40.00
11	5½	18	2.25	25.00
22	4½	15	2.15	24.00



MAYTREE FLOWER POT SAUCERS. These are moisture proof, unbreakable and a reddish-brown color.

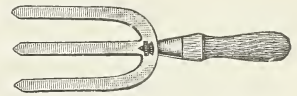
	Each	Doz.		Each	Doz.
4 in.	\$0.18	\$1.75	10 in.	\$0.60	\$6.00
5 in.	.20	2.00	11 in.	.75	7.00
7 in.	.35	3.50	12 in.	.85	8.50
9 in.	.50	5.00			

**FORKS.**

Digging or Spading, "Keen-Kutter."		Each
4-tine, long or short handle.		\$2.25
English, 4 square tine, short handle.		3.25
Best Steel. 4-tine, long or short handle.		2.00
5-tine, short handle.		2.25
Manure. 4-tine, short handle.		2.00
5-tine, short handle.		2.25
4-tine, long handle.		2.00

FORKS—Continued

Transplanting.
"Keen Kutter"
Polished Steel.
Each \$1.25.



English. 4 prong, socket handle. \$1.50
"Oak Leaf." Best steel, 3 prong. Each 75c.
Transplanting. Malleable. Each 35c.

FRUIT PICKERS. Wire, "Peerless." 75c.

FUMIGATOR, "EUREKA." For fumigating with tobacco stems.
No. 2, holds 1 pk. stems. \$3.25
No. 3, holds ½ bus. stems. 4.00

FUMIGATING LAMP, "Defiance."
For nicotine, nico fume liquid, etc.
No glass, burns kerosene oil. \$1.50.

FUMIGATOR, SULPHUR, Campbell's Patent. Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring the foliage.



No. 1, for houses up to 5,000 cu. ft., each \$7.50.
No. 2, for houses up to 10,000 cu. ft., each \$9.00.

FUMIGATOR, X. L. Lamp and stand, \$2.00.
Glass lamps separate, each 60c.

GARDENER'S GLOVES. Per pair, \$2.00.

GARDEN LINES. Finest braided hemp. 100 ft. \$1.75, 200 ft. \$3.50.

GARDEN REELS for above of wrought iron.
Small \$1.75; large \$3.00.

GARDEN PENCILS. Indelible black. Each 15c.

GLASS**CUTTERS.**

"Red Devil." No. 24, 20c.; No. 23, 25c.; No. 3, in 1, 40c.; No. 6, 50c.

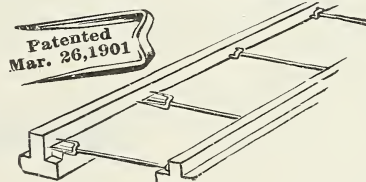
Diamond. High quality finish. Each \$6.00.

GLASS FOR GLAZING SASH. Box of 50 sq. ft. Market price.

GLASS CLEANER, "Daylite." For cleaning greenhouse glass. Gal. \$1.50.

GLAZING POINTS, Zinc. ⅝ in. or ¾ in. Box 60c.

"PEERLESS" GLAZING POINT.
(Improved Van Keyper.)



GLAZING POINTS, Peerless. 1000 85c.

GLAZING POINT PLIERS for the above. Each 60c.

GRAFTING WAX. For grafting cuts and bruises on trees. ¼ lb. 15c., ½ lb. 30c., lb. 55c.

GRAFTING TOOL. Best forged steel. Each \$1.25.

Mallet, to use with the above. Each \$1.50.



HORTICULTURAL TOOLS AND REQUISITES—Continued

GRASS EDGING KNIVES. See knives.

GRASS HOOKS
or SICKLES.

Best English welded back. Each
 No. 1, small.....\$0.85
 No. 2, medium..... 1.10
 No. 3, large..... 1.25
 Imported, small size..... .40
 American, large size..... .75

GRAPE BAGS, Paper. Made with
 patent metal clasp. 100 75c., 1000
 \$6.00.

HAMMERS, GARDEN. With claw. Each \$2.00.

HATCHETS. With claw. Each \$2.50.

HAY-CKOCK COVERS. Made with waterproof
sheeting, 72x72 in. Each \$1.75, doz. \$20.00.HOES, DRAW. With handles. 5 in., \$1.00; 6 in.,
\$1.10; 7 in., \$1.20; 8 in., \$1.30.HOES, SCUFFLE, or DUTCH. English make.
Handles, 50c. extra.

4 in...\$1.00	8 in...\$1.40
5 in... 1.10	9 in... 1.50
6 in... 1.20	10 in... 1.60
7 in... 1.30	12 in... 1.75

HOES, WARREN. Heart-shaped, \$1.75.

HORSE BOOTS. For lawns; made of heavy
leather. Medium size, set of four, \$18.00; large
size, \$20.00.

Baker's Metal. See page 95. \$10.00.

HOSE BANDS. Made of brass wire. For putting
on couplings. Doz. 35c.

HOSE PLIERS for the above. Each 50c.

HOSE CLAMPS. Bolt pattern. Doz. 60c.

HOSE COUPLINGS. Brass for $\frac{1}{2}$ in. or $\frac{3}{4}$ in.
hose. Each 30c.Clincher Style. $\frac{1}{2}$ in. or $\frac{3}{4}$ in. Each 40c.HOSE CONNECTION. Goose neck for connecting
ing hose to faucet. Each \$1.00.HOSE CONNECTION. Siamese for connecting
two leads of hose. Each \$2.25.HOSE HOLDER, "The Simplex." For holding
the hose on lawns or borders. Each \$1.25.HOSE HYDRANT ATTACHMENT. Used for
connecting hose to smooth faucets. Brass.
Each 75c.

HOSE MENDERS.

"Cooper's." Brass, $\frac{1}{2}$ or $\frac{3}{4}$ in.... Each Doz. \$0.15 \$1.50"The Perfect Clinching." $\frac{3}{4}$ in... .20 1.75

HOSE NOZZLES.

"Gem," or "Graduat-
 ing." $\frac{3}{4}$ -in. hose. Can
 be regulated to give
 three different streams.
 Each 90c.

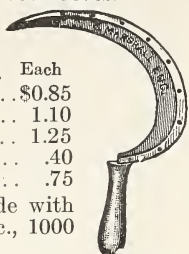
"The Boss." Spray or stream, with shutoff
 Each \$1.10.

"Fairy Spray" Pipe. A spray, stream or shut-
 off combined. All brass. Each \$1.35.

HOSE NOZZLE, Hose Rose. Made with brass
for $\frac{3}{4}$ -in. hose. Each \$1.50.

"Hose Rose," or "Boston Spray." With
 coarse or fine spray, for $\frac{3}{4}$ in. hose. Each \$1.10.

"Newport or Knox." Fine for spraying under
 the foliage or sprinkling. Each \$1.50.

HOSE NOZZLES FOR SPRAY PUMPS. "Bor-
deaux," Adjustable. Each
\$1.50."Vermorel." A fine spray.
Each \$1.50.

"Shower." Will not clog
 and does the work without
 waste of material and time,
 $\frac{1}{4}$ in. thread pipe. Each \$1.50. (See cut).

Kant Clog Nozzle. Each \$1.25.

Mystery, Jr. A fine spray. Each \$1.75.

HOSE, RUBBER.

"Marshall." $\frac{1}{2}$ in. non-kinkable.....\$0.18"Marshall." $\frac{3}{4}$ in. non-kinkable..... .20"Electric." $\frac{1}{2}$ in..... .22"Electric." $\frac{3}{4}$ in..... .23Special Spray Pump. $\frac{1}{2}$ in..... .25HOSE WASHERS. $\frac{3}{4}$ in. Doz. 10c., 100 50c.HOSE REELS. Made with
tubular iron; strong and
durable.No. 10. For 100 ft., $\frac{3}{4}$ in.
hose. Each \$6.00.No. 20. For 150 ft., $\frac{3}{4}$ in.
hose. Each \$6.75.No. 30. For 500 ft., $\frac{3}{4}$ in.
hose. Each \$13.00.HOSE REELS, Wooden. Each
\$2.50.

HYACINTH STAKES. Dyed green.

12 in. long.....100 35c., 1000 \$3.00.

18 in. long.....100 40c., 1000 \$3.50.

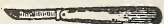
KNIVES, ASPARAGUS, American. Each 50c.

KNIVES, ASPARAGUS, English. Each \$2.00.



KNIVES, CORN. Forged steel.

Each 75c.



KNIVES, BUDDING.

American. Round point..... Each \$1.50

American. Two blades, brass lined..... 2.00

English. Round point..... 4.50

English. Sharp point, No. 204..... 4.50

English. Sharp point, brass cap. No. 204B. 6.00

English. Two blades..... 3.00

KNIVES, PRUNING.

American. In different

shapes. Each \$1.00 to

\$2.25.

English. In different

sizes. Each \$3.50 to

\$5.00.



KNIVES, EDGING.

English. Best steel, handles 50c.

extra; 8 in. \$2.75; 9 in. \$2.50.

American. Each 75c.

American. With handles. Each

\$1.50.



LABELS, POT and GARDEN, Wooden.

		Plain		Painted	
		100	1000	100	1000
4	x $\frac{5}{8}$ in.....	\$0.15	\$1.25	\$0.25	\$1.75
4 1/2	x $\frac{5}{8}$ in.....	.20	1.50	.30	2.25
5	x $\frac{5}{8}$ in.....	.25	1.90	.35	2.50
6	x $\frac{5}{8}$ in.....	.30	2.30	.40	3.00
8	x $\frac{7}{8}$ in.....	.90	7.00	1.00	8.00
12	x 1 1/8 in.....	1.25	11.00	1.50	13.00



HORTICULTURAL TOOLS AND REQUISITES—Continued

LABELS, TREE, Copper Wired. 3½ in. Painted.
100 35c., 1000 \$2.50.

LABELS, HANGING, Celluloid. 3¼ in. long,
⅞ in. wide. Doz. 30c., 100 \$2.00.

LABELS, POT, Celluloid. 5 in. long, ⅞ in. wide.
Doz. 60c., 100 \$3.50.

LABELS, The Simplex. Waterproof. Doz. 100
No. 1. 3x½ in. \$0.35 \$2.25
No. 2. 4x¾ in.70 4.50
No. 3. 5x1 in. 1.00 7.00

LABELS, TREE or GARDEN, Zinc. Per 100:
No. 1... \$4.50 No. 5... \$4.00 No. 13... \$3.00
No. 2... 3.50 No. 6... 3.00 No. 15... 2.75
No. 4... 3.50 No. 7... 2.50 No. 21... 4.00

Ask for shapes and sizes.

INDELIBLE INK. For above. Bottle 25c.

LADIES' TOOL SETS, "Keen-Kutter." Fork,
spade, hoe and rake. Set \$3.50.

LAWN SPRINKLERS. (See pages 100, 101.)

LAWN RAKES. (See Rakes.)

LAWN MOWERS. (See pages 92 to 94.)

LAWN MOWER SHARPENING COMPOUND.
Per can, 60c.

LAWN SWEEPERS. (See page 95.)

LEAF-MOULD. Pk. 30c.; 1 barrel bag, \$2.00.

LINES. (See Garden Lines.)

MASTICA. For reglazing greenhouses. Qt. 90c.,
gal. \$3.00.

MASTICA GLAZING MACHINE. Each \$2.25.

MATTOCKS.

"Oak Leaf."

Hoe, 4¼ in.

Cutter, 3 in.

Each \$2.00.

Handles, 75c.



MATS, FROST-PROOF, Burlap. These mats
are 76x76 in. square
and made of strong
drill filled with wool.
Each \$3.50, doz.
\$35.00.
Size 40x76 in., each
\$2.50, doz. \$25.00.



MATS, Straw. Size 6x6 ft., each \$2.50, doz.
\$27.00; size 3x6 ft., each \$1.50, doz. \$16.00.

MELON NETS. English make. Doz. \$3.00.

MOLE TRAPS.

"New Model." Each \$3.25.

"The Reddick." (See cut.) Each
\$1.35.

MOSS, SPHAGNUM, LIVE. For or-
chids. Bag \$3.00.

For packing. 5-bbl. bale, \$4.00.

Green, in sheets. Bag \$4.50.

Dyed Green, in sheets. Bag \$6.50.

NAILS, English Wall. 1½ in. Chand-
ler's patent with lead tip to turn over
vine. Lb. 70c.

Cast Iron. 1½ in. Lb. 10c.

NOZZLES. (See Hose Nozzles.)

OIL CANS. Brass bottom. 75c.



PAPER.

Cream Manila. 24x36. Lb. 16c.

Tissue. Ream (480 sheets.) \$2.50.

Waxed Tissue. (Ream, 480 sheets), 24x36 in.,
\$4.00.

Coarse. For parceling. Lb. 16c.

Prices of paper are subject to change.

PEAT, Rotted. 1-bbl. bag \$2.50.

PEAT, Orchid. 1-bbl. bag \$2.75.

PENCILS, GARDEN. For labels. Each 15c.

PICK MATTOCKS, "Oak Leaf."

Hoe 4¼ in.

Pick 8½ in.

Each \$1.50.

Handles 85c.



PICKS. Pointed both ends. Each \$1.75, handles
85c.

PLANT PROTECTOR "THE BALL."

No. 1 size, 9 in. diameter, 12 in. high. Doz.
\$5.00.

PLANT PROTECTORS. For Tomato or Egg
plants; wire with cotton covering. Each 25c.,
doz. \$2.50.

PLANT SPRINKLERS. (See Sprinklers.)

PLANT STAKES. Round, green, tapering (light).

	Each	Doz.	100
1½ ft.	\$0.04	\$0.35	\$2.25
2 ft. ....	.06	.60	4.25
2½ ft. ....	.08	.80	6.00
3 ft. ....	.11	1.10	8.00
3½ ft. ....	.13	1.35	10.00
4 ft. ....	.17	1.75	12.00

Round, green, tapering (heavy).

	Each	Doz.	100
4 ft. ....	.25	2.25	16.00
5 ft. ....	.30	3.00	20.00
6 ft. ....	.35	3.50	25.00

Square, green, tapering (heavy).

	Each	Doz.	100
4 ft. ....	.15	1.50	10.50
5 ft. ....	.22	2.25	16.00
6 ft. ....	.25	2.50	18.00

BEAN POLES. Cedar, pointed, 8 ft. to 9 ft. Doz.
\$2.75, 100 \$20.00.

DAHLIA POLES. Heavy, round, green; tops
painted white.

	Each	Doz.	100
3 ft.	\$0.17	\$1.75	\$12.00
4 ft. ....	.20	2.00	15.00
5 ft. ....	.27	2.75	20.00
6 ft. ....	.32	3.25	25.00

GALVANIZED WIRE, for Roses, etc. Plain or
Anchored. No. 9 wire.

	100	100	100
2½ ft.	\$2.50	3½ ft. ... \$3.50	4½ ft. ... \$5.00
3 ft.	3.00	4 ft. 4.00	5 ft. 5.50

PLIERS. Side cutting, 6 in. \$2.00; 7 in. \$2.25.

POST HOLE DIGGER. Each \$2.50.

POT COVERS. Strongly made of specially treated
fiber-board, waterproofed. Designed to hold
standard size flower pots

	Each	Doz.
No. 4 for 4-in. pot, Wild Roses design.	\$0.30	\$3.00
No. 5 for 5-in. pot, American Beauty..	.45	4.50
No. 6 for 6-in. pot, Persian Garden.....	.60	6.00
No. 7 for 7-in. pot, Arabesque.....	.70	7.50

HORTICULTURAL TOOLS AND REQUISITES—Continued

POT HANGERS. "Kramers." Each 30c., doz. \$3.00.

POTATO HOOKS. Broad round prongs. 4-prong \$1.25, 5-prong \$1.50.

POTS. (See Flower Pots, page 78.)

POWDER DUSTER. For Slug Shot. Each 80c.

POWDER GUN.

"Duster Brown." Each \$2.25. (See page 98.)

"Jumbo." Each 40c.

"Leggett's Little Giant." Each \$12.00.

"Leggett's Champion Duster." Each \$15.00.

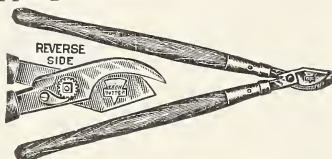
PRUNER, or Lopping Shears.

"Keen-Kutter."

Handles 22 in.

Curved blade.

each \$3.50.



Rhodes'. Cuts on both sides and does not bruise the bark. Length 20 or 26 in. Each \$7.00.

PRUNERS, TREE.

Little Giant Pruner

Hook and Saw

Combined. At-

tachés to pole of

any length. Each

\$4.00.



The Dexter. Two blades $1\frac{3}{8}$ in. wide, with spring and ratchet lever, can be attached to any length pole. No. 2, each \$5.00. (See page 95.)

Waters'. 8-ft. handle, \$2.75; 10-ft. handle, \$3.00; 12 ft. handle, \$3.25.

Extra blades, 30c. each.

PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

Heavy Grade. By piece of 50 yds., per yd. 30c.

Medium Grade. By piece of 50 yds., per yd. 25c.

PUMP, "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$2.50.

PUMPS. (See Spray Pumps, pages 96, 97, 98.)

PUTFY BULB, Rubber. For glazing, \$1.75.

RAFFIA. The best material for tying plants.

Per lb. 30c. Green, dyed, lb. \$1.25.

RAFFIA TAPE. Green, on spools of 100 yards. Each \$1.50.

RAKES.

Garden. Best steel, 8 teeth, 90c.; 10 teeth, \$1.10; 12 teeth, \$1.20; 14 teeth, \$1.30; 16 teeth, \$1.40; 18 teeth, \$1.50.

Hay. Wooden, 3 bows, 12 teeth, \$1.10.

Lawn. Wooden, 3 steel bows, 22 teeth, \$1.25.

Reversible. Galvanized, 24 teeth, \$1.25.

Lawn, "Olsen." 26 wood teeth, iron brace. Each \$1.10.

Rake and Hoe. A combination tool, \$1.10.

REELS, GARDEN. Each \$1.75 and \$3.00.

RIFLES, EMERY. For sharpening. Each 15c.

ROLLERS. (See page 95.)

RUBBER BANDS. For split Carnations. Oz. 30c.

RUBBER BOOTS, Gardeners and Farmers. State size when ordering. Per pair, hip length, \$7.50, knee length \$7.00.



SAWS.

Pruning. Single edge, 16 in., \$1.75; 18 in., \$2.00; 20 in., \$2.50. Double edge, 16 in., \$2.00; 18 in., \$2.25; 20 in., \$2.75.

Double Swivel. Blade 14 in. long. Very useful for pruning. Each \$2.75. Extra blades 35c.

Oak Leaf. 14 in. blade, which can be used at any angle. Each \$2.50. Extra blades 35c.

Crescent Pattern, "Keen-Kutter." 16 in., each \$2.00.

Hand or Pruning, "Keen-Kutter." 20 in., blade, each \$2.25.

SAW FILES. Best make. Each 20c. and 25c.

SASH, HOTBED, Extra Strong.

Unglazed. Made of best cypress. Regular size, 3x6 ft., for using 6x8 in. glass. No. 4, each \$3.00.

Glazed (Packing extra). Size 3x6 ft., using 6x8 in. glass. Painted two coats white. No. 4, each \$7.00.

Glazed. Size 3 ft. 2 in. x 6 ft., using 8x10 in. glass. No. 9, each \$9.00.

Glazed with 10x12 in. double thick glass. Size 3x6 ft. Iron cross bar, No. 11, each \$9.00.

"Sunlight." Double Glass. Glazed with 10x12 in. double, two layers thick glass, painted two coats, white. No. 12, each \$13.00.

Hotbed Frames for Sash. For 2 sash, each \$14.00; for 3 sash, each \$18.00; for 4 sash, each \$22.00; for 5 sash, each \$27.00.

SCISSORS.

Grape or Vine. Best make 7 in., \$1.75;

8 in., \$2.00.



Flower Gatherers. Best

quality. 6 in., \$1.75;

7 in., \$2.00; 8 in., \$2.25.



SCISSORS, PRUNING. English make, 4 in., \$2.25. 5 in., \$2.50.

SCYTHES.

Lawn, English. 30 to 34 in., each \$3.50 to \$4.00.

Grass, American. 30 to 40 in., each \$2.50.

Brush or Weed. 18 to 21 in., each \$2.25.

SCYTHE SNATHS (or Handle). Each \$2.00.

SCYTHE STONES, American. Round. Each

30c., doz. \$3.00. Flat, each 25c., doz. \$2.50

English. Round pointed. Each 35c.

SEEDERS. (See pages 91 and 99.)

SHADING, Lippman's Green. A powder to mix with water. 5 lbs. to gallon. 5 lbs. \$1.75.

Summer Cloud. English shading for green-houses. $\frac{1}{2}$ lb. pkg. 60c.



HORTICULTURAL TOOLS AND REQUISITES—Continued

SHEARS.

Grass Border.
English.

(without wheel.)
8 in. \$4.50
9 in. 5.50
10 in. 6.00

American. Without wheel. 9 in., \$3.50.

Grass or Sheep. Best trowel shank. \$1.50.

Grass. Assorted sizes. Each 25c., 50c., 75c.

Hedge. American.

(With notch, 25c.
extra.) 8 in. \$2.50; 9
in., \$3.00; 10 in.,
\$3.50.

Hedge. English make. 8 in., \$3.00; 9 in., \$3.50;

10 in., \$4.00. With notch, 35c. extra.

Ladies' Hedge. 5½ in., \$2.50.

Lopping. (See Pruners.)

California
Pattern.

9 in. long
(See cut).
Each \$1.60.

"Oak Leaf." 9 in. long. Each \$2.75.

Perfection Pruning.

Cuts on both sides.
6½ in., \$3.50; 7½ in.,
\$4.00; 8½ in., \$4.50;
9½ in., \$5.00.



Plucca Prunner. Made to hold the twig that is
cut off. \$5.00.

Watch Spring Prun-

ing. Imported French,
7 in., \$3.00; 8 in., \$3.50;
9 in., \$4.00.

Watch Spring. American made. 9 in., \$3.75;
10 in., \$4.00.

Ladies' Pruning. 6½ in. Nickel plated, \$2.00.

Wiss, Hand Pruning. (Solid Steel). 9 in.,
\$4.00; 10 in., \$4.50.



SHREDS, Medicated Garden. For nailing on
trees, vines, etc. 3 in., 100 60c.; 4 in., 100 75c.

SHOVELS, "KEEN-KUTTER." Square and
Diamond Pointed. Long or short handles.
Each \$2.50.



SIEVES, WIRE. For sifting loam, gravel, etc.
½ in., ¼ in., ½ in., or ¾ in. mesh, 18 in. in
diam., each \$2.50.

SILKALINE, Meyer's Green. Fast color. Spool
40c. Box of 8 spools \$3.00.

Florists' Thread. 2-oz. spools, each 25c., doz.
\$2.50.

SMILAX TWINE. Green. Box of 8 balls \$1.00.

SPADES. Best cast steel. Long or short handles.
Each \$1.75.

"Keen-Kutter," extra quality, each \$2.50.

SPRAYERS. (See pages 96, 97, and 98.)

SPRINKLERS.

Rubber. Scollay's straight
or angle neck. No. 1,
12-oz. size, \$1.75.

The Ideal. Made entirely
of metal and fits any
bottle; can be used at
any angle for insecticides
or water. Each \$1.35.



STAKES. (See Plant Stakes and Canes.)

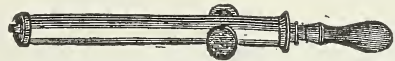
STAKES, HYACINTH. Green. 18 in. long.

Doz. 5c., 100 40c., 1000 \$3.50.

STICKS, Match. 18 in. long. 1000 \$3.00.

STYPTIC, Thompson's. To prevent bleeding
of vines. Each \$1.25.

SULPHUR VAPORIZER, Campbell's Patent.
(See Fumigators, page 63.)



SYRINGES, GARDEN, Brass.

No. C, length 14½ in., diam. 1¼ in., one spray
rose and stream. Each \$4.50.

No. 11, length 18 in., diam. 1½ in., two spray roses
and one stream. Each \$6.00.

No. 5, length 18 in., diam. 1½ in., two spray
roses and one stream, extra heavy and strongly
mounted. Each \$8.00.

TARRED FELT DISCS. For Cabbage plants.
100 50c., 1000 \$3.00.

TENNIS NETS. Single court, 27x3 ft. Double
court, 36x3 ft., canvas bound. Prices on appli-
cation.

TENNIS MARKER, No. 0 Dry Marker. For
marking tennis courts. \$2.50.

THERMOMETERS

Mushroom Bed. All metal, each \$3.25; wood,
\$2.00.

Brooder, Tycos. Each \$1.00.

Distance Scale. Metal frame.
Each \$1.00.

Household. Wood frame. 8
or 10 in., 75c. to \$1.50.

Incubator, Tycos. Each
\$1.00.

Japan tin case. Metal Scale

8 in., 75c.; 9 in., 90c.; 10 in.,
\$1.10; 12 in., \$1.25.

Maximum Registering.

Wood frame each \$2.75.

Minimum Registering.

Wood frame, each \$2.75.

Porcelain Scale. For conser-
vatory. Each \$1.50.

Self Registering. Metal Scale. Japanned case,
8 in. size, \$6.00; 10 in. size, \$7.00; 12 in. size,
\$8.00.

Self Registering, "Hicks." English make, box-
wood scale. 8 in., each \$8.00; 10 in., \$9.00.

Magnets. For self registering. 75c.

TINFOIL. Lb. 30c., Violet or green, lb. 75c.

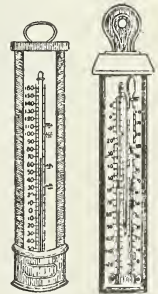
TOOL SETS, "Keen-Kutter." Fork, spade,
hoe and rake. Set \$3.50.

TOOTHPICKS. Wired. 1000 75c.

TORCHES, Asbestos. Each 60c. Handles 75c.
extra.

TOMATO SUPPORTS. Heavy galvanized wire
rings. Each 35c., doz. \$3.50.

Adjusto. (See page 102.)



HORTICULTURAL TOOLS AND REQUISITES—Continued

TREE CLIMBERS. For attaching to the legs, to climb tall trees. With leather straps. Pair \$4.50

TREE GUARDS. "Anchor" Expanded Metal. Very strong, steel wire, with three iron supports. Each \$5.00.

TREE SCRAPERS. Large iron with handle. Each \$1.25.

TROWELS.

Steel. 6 in., 75c.; 7 in., 80c.; 8 in., 90c.

Cast Steel. Each 35c.

Cleve's Angle. Large, size, each 25c.

Primrose. Iron. Each 15c.

Troweed. A combination trowel and weeder. Each 60c.



TUBS, PLANT. (See page 87.)

TURFING IRONS. English. Each \$12.00.

TWINE.

Cotton. White, per lb. 60c.

Green Smilax. Box of 8 balls, \$1.00.

Marline. (Tarred Twine). Lb. 60c.

Marline. Small size. Per ball \$1.00.

Hemp. All sizes. Lb. \$1.00.

Jute. Three- or four-ply, for trees. Lb. 50c.

WEEDERS.

"Excelsior." Five claw fingers. Each 20c.



"Pull-Easy." Can be used easily and without stooping. (See cut.) Each 80c.

"Adjustable." Three Prong (See cut.) Each 60c.



"Eureka." Very useful for garden purposes. Each 60c.



Thistle Spud. English. Each 50c.

WEEDERS—Continued.

The Out-U-Come. A useful tool for pulling Dandelions, etc., from lawns. Each \$1.00.

Daisy Grubber. English. Each \$1.25.

Dandelion Puller. Long or short handle. 70c



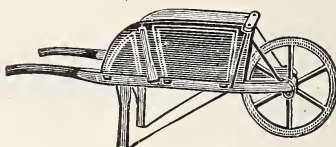
Lawn. For removing docks, dandelion, etc.; can also be used as an Asparagus knife. 50c.



The "Dandy-Lion" Weed Killer. With brass-covered cylinder, brass ball handle, removable base, valve, spring, etc. For using gasoline or kerosene. Each \$1.25.



Pull-Easy, Jr. A very handy cultivator having four teeth which can be adjusted from 2 in. to 6 in. between with a 4-ft. handle. Each 75c.



WHEELBARROWS, GARDEN. Small size No. 3, \$7.00. Medium size, No. 4, each \$8.00. Large size, No. 5, each \$9.00.

WIRE, Annealed for Stemming.

No. 23. Coarse. 18 in. lengths.....\$0.50

No. 26. Coarse. 18 in. lengths......55

No. 34. Fine hair. 18 in. lengths..... .60

WIRE, Galvanized.

No. 12. Heavy. 100 lbs..... Market price

No. 15. Medium. 100 lbs..... Market price

No. 18. Fine. 12 lbs..... Market price

LAWN MOWER SHARPENING COMPOUND

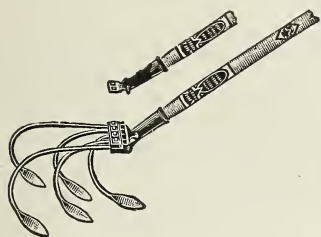
This is a grinding paste used for sharpening lawn mowers. It is applied to the blades and by rotating them backward and forward on the bottom knife it sharpens them in a very few minutes without taking the machine apart. Full directions with each can. Can 60c.

**TARRED FELT DISKS**

(Sterlingworth)

For protecting Cabbage and Cauliflower plants, when first set out, against root maggot. Made the right shape of special non-curling material and are free from imperfections in which the Maggot Fly might find a place to deposit eggs. Recommended by all the Agricultural Experiment Stations. 100 50c., 1000 \$3.00.





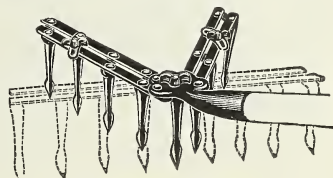
ADJUSTABLE GARDEN CULTIVATOR

The most useful hand garden tool on the market.

It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 lbs. complete with long handle. The blades are forged out of a solid steel rod. Price, \$1.25.

PULL-EASY CULTIVATOR

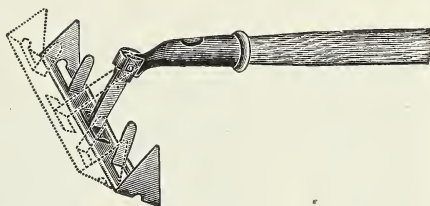
This adjustable cultivator can be adjusted to fit rows of any width from 7 to 18 in. The middle tooth can be instantly removed to straddle the row. Furnished with a 4½ ft. wood handle. Each \$1.25.



Pull-Easy Cultivator

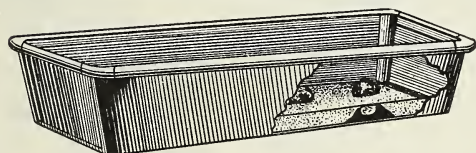
THE PULL-EASY ROCKER HOE

The two-edged, keen blade of this hoe cuts on both the forward and backward motion. The socket casting has side stops which limit the oscillating movement of the blade, keeping it at just the right angle under the surface to cut properly. Made with a 5-inch blade and 4½ foot handle. Each \$1.00.



Pull-Easy Rocker Hoe

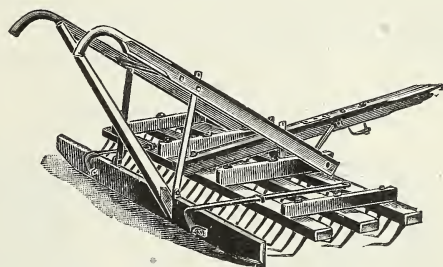
WINDOW BOXES—SELF-WATERING



Made with heavy metal, ornamented with a stamped design. They require water only every two weeks and will not leak. All sizes are 8 in. high and 9½ in. wide.

Length		Length	
No. 1, 23 in.....	\$3.00	No. 6, 33 in....	\$4.75
No. 2, 25 in.....	3.25	No. 7, 35 in....	5.25
No. 3, 27 in.....	3.50	No. 8, 37 in....	5.50
No. 4, 29 in.....	3.75	No. 9, 39 in....	5.75
No. 5, 31 in.....	4.00	No. 10, 41 in....	6.25

SMOOTHING AND LEVELING HARROW



With this tool every field can be made as smooth as a floor and the soil pulverized fine enough for a flower bed—makes a most perfect Onion bed. This harrow is also a great road maker. One man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

One-horse, 6 ft., \$40.00; two-horse, 8 ft., \$45.00.

HAND CORN PLANTERS



The "Segment" is light, strong, accurate and withal the cheapest and most up-to-date planter on the market. Price, \$2.50.

POST HOLE DIGGER



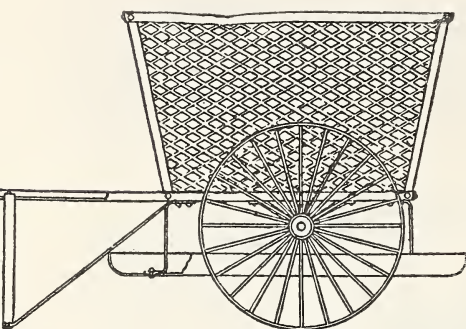
The blades are 9 in. long and the handles 5 ft. long. Price.....\$2.50

GARDENER'S HARROW

Designed for one horse, convenient to handle and get around garden plots, etc.

25 Teeth with Runners.....	\$12.00
30 Teeth with Runners.....	13.50

PORTABLE REFUSE BURNERS



A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fire-proof and guaranteed not to burn out. Is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1	Capacity 16 cubic feet.....	\$35.00
No. 2	Capacity 11 cubic feet.....	25.00
No. 3	Capacity 5 cubic feet.....	15.00

COMBINATION WATER BARREL, TRUCK AND LEAF CART

Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with steel wheels.

TRUCK AND WATER BARREL

Truck, with 3 -in. tires	\$25.00
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TRUCK AND HANDCART BOX

Truck, with 3 -in. tires	25.00
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TRUCK AND LEAF RACK

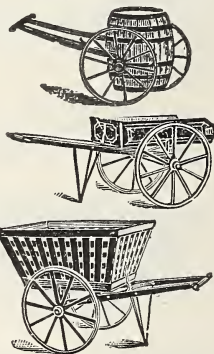
Truck, with 3 -in. tires	22.00
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TRUCK, BARREL, LEAF RACK AND CART

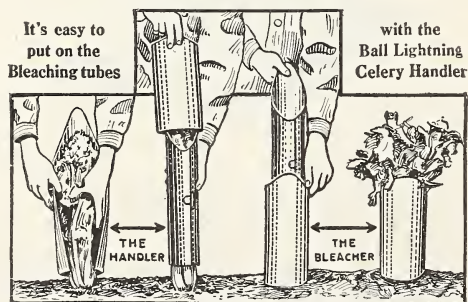
Complete with 3 -in. tires	43.00
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ADDITIONAL ATTACHMENTS

Box for Handcart,	\$11.50
Leaf Rack for Truck	\$ 9.00
Extra Barrels with Trunnions	\$10.00



BALL CELERY BLEACHER



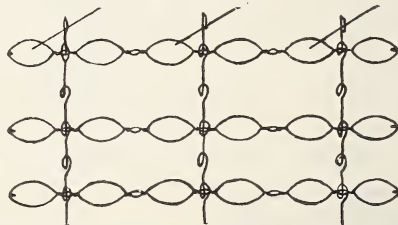
The home grower and private gardener will find this an ideal system of bleaching Celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

Price of Bleachers, 6½x13in. 60 c. per doz., \$4.00 per 100, \$35.00 per 1000.

The Ball Lightning Celery Handler, Spring Brass, \$4.00. Tin, \$2.00 each.

CONTINUOUS RING CARNATION SUPPORT



This is the best Carnation Support for private or commercial growers. They are made with galvanized wire. For rows of 3, 4 or 5 plants two upright stakes are used and rows of 6 or 7 plants, three upright stakes. Each row has three rings for each plant which are adjustable to five different heights. To make the stakes rigid, straining wire should be used the full length of the bench. Full directions are sent with each order for setting up.

When ordering, kindly state the total number of Plants to be supported and the number of plants in each short row crosswise of the bench or send sketch of bench plan.

Supports for 3, 4 or 5 plants to row Doz. \$1.00, 100 \$5.00.

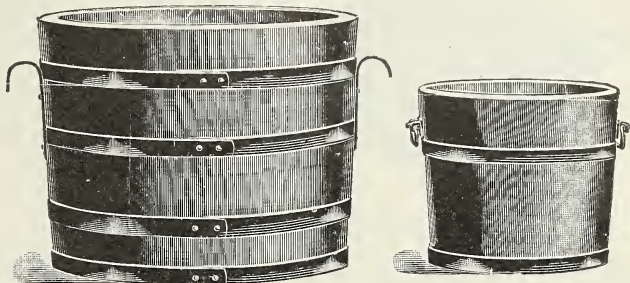
Supports for 6 or 7 plants to row. Doz. \$1.00, 100 \$6.00.

Supports for 8, 9 or 10 plants to row. Doz. \$1.00, 100 \$7.00.

NEW YORK CEDAR TREE TUBS

Made with very heavy cedar. Painted green in regular stock. Any color desired to order. Outside measurements.

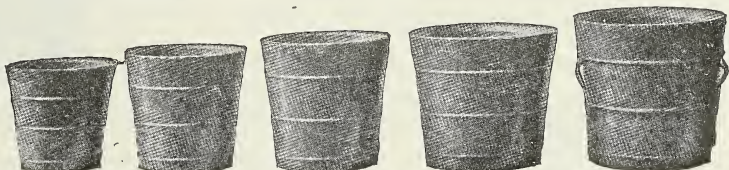
	Diameter	Height	Each
No. 00...	32 in.	26 in.	\$21.00
No. 0...	30 in.	24 in.	18.00
No. 1...	28 in.	22 in.	15.00
No. 2...	26 in.	20 in.	12.50
No. 3...	24 in.	18½ in.	7.50
No. 4...	22 in.	17 in.	6.00
No. 5...	20 in.	16 in.	5.00
No. 6...	18½ in.	15 in.	4.00
No. 7...	16½ in.	14 in.	3.50
No. 8...	15½ in.	13 in.	3.00
No. 9...	14 in.	12 in.	2.50
No. 10...	12 in.	9½ in.	2.25



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered.

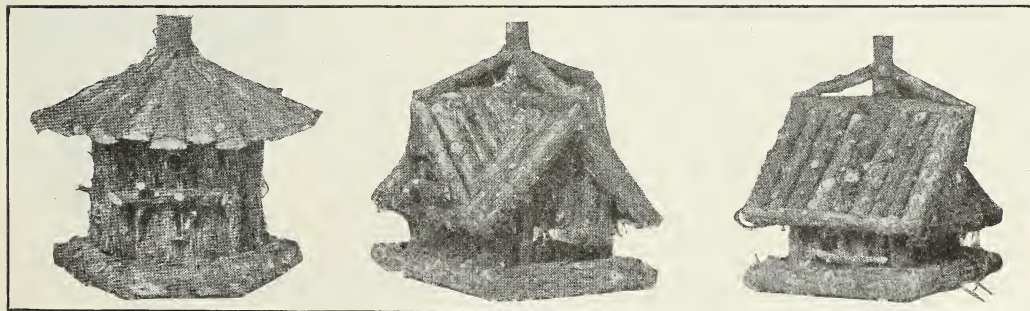
MARSHALL'S PLANT TUBS

Made from selected white cedar, bound with electric welded wire hoops (galvanized.) Painted green, furnished without handles, or we can supply handles if wanted. Inside measurements.



	Diameter	Height	Each		Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.70	No. 8.....	13 in.	12 in.	\$1.75
No. 4.....	9 in.	9 in.	.75	No. 10.....	15 in.	14 in.	2.25
No. 5.....	10 in.	9 in.	1.00	No. 12.....	17 in.	16 in.	3.00
No. 6.....	11 in.	10 in.	1.20	No. 14.....	19 in.	18 in.	4.00

RUSTIC BIRD HOUSES



No. 6 Hexagonal

No. 5 Martin House

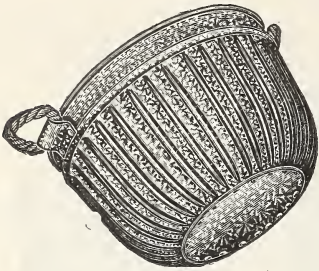
No. 4 Log Cabin

The above Rustic Bird Houses are made with Rustic Cedar and are very ornamental and attractive to all birds.

- No. 1 Log Cabin, one-family house, 10 in. wide, 10 in. high. Each \$2.50 and \$2.75.
 No. 2 Log Cabin, two-family house, 10 in. wide, 12 in. high, 14 in. deep. Each \$3.50.
 No. 3 Log Cabin, two-family house, 14 in. wide, 12 in. high, 17 in. deep. Each \$4.50.
 No. 4 Log Cabin, two-family house, 14 in. wide, 17 in. high, 16 in. deep. Each \$7.00.
 No. 5 Martin House, four-family house, 14 in. wide, 18 in. high, 19 in. deep. Each \$8.50.
 No. 6 Hexagonal, one-family house, 12 in. wide, 14 in. high, 19 in. deep. Each \$4.00.
 No. 7 Hexagonal, two-family house, 12 in. wide, 15 in. high. Each \$5.00.
 No. 8 Robin House, 10 in. wide, 19 in. high, 9 in. deep. Has canopy top and flat wood back. Each \$2.50.
 No. 9 Twelve-room Martin House 27 in wide, 22 in. high. Each \$20.00.

We also carry in stock a variety of styles and sizes and shall be pleased to supply an assortment to any value required.

They are built with chestnut, elm, oak and other natural woods. Prices, \$1.00, \$1.25, \$1.50, \$2.00, and \$2.50 each.



GALVANIZED BASKETS

This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work. Also for carrying water, washing pots in, or mixing insecticides.

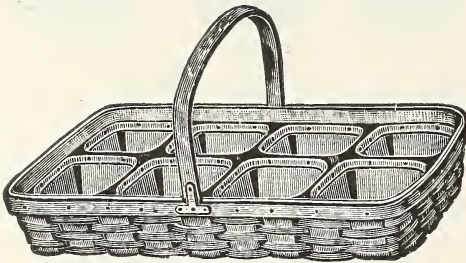
No. 0. $\frac{3}{4}$ bushel.....	Each \$2.75
No. 1. 1 bushel.....	3.25
No. 2. 2 bushels.....	4.00

GARDENERS' BASKETS

Adapted for gathering Fruits, Vegetables, Flowers and other purposes around the garden or greenhouse.

Made with splint and bamboo bound with metal straps. Very strong and durable.

No. 1 size 19 in. x 11 in. x 7 in.....	\$2.00
No. 2 size 21 in. x 12 in. x 7 in.....	2.25
No. 3 size 25 in. x 14 in. x 8 in.....	2.50
No. 4 size 27 in. x 16 in. x 9 in.....	3.00
No. 5 size 28 in. x 18 in. x 10 in.....	3.50



FLOWER AND FRUIT BASKETS

A handy basket for gathering flowers, vegetables and fruits.

Medium size, No. 2, 20 x 12 x 3½ in.....	Each \$1.25
Large size, No. 3, 22 x 14 x 3½ in.....	Each 1.50

GENERAL FARM BASKETS

Made with best oak splint, reinforced with iron hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size.....	Each \$2.00	2 bushel size.....	Each \$3.50
1½ bushel size.....	Each 2.75	3 bushel size.....	Each 4.50



STRAWBERRY BASKETS

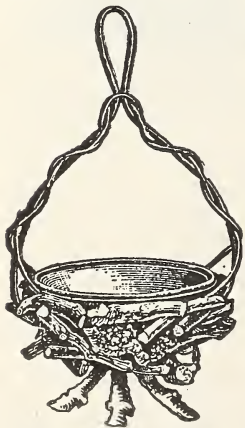
Useful for gathering strawberries and raspberries. One quart size. Per 100 \$1.50. Per 1000 \$14.00. 2 quart size per 100 \$2.50. 3 quart size per 100 \$3.25.

PICKING BASKETS

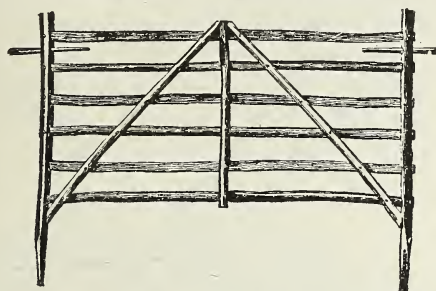
Used for gathering apples, pears and other varieties of fruit. ½ bushel size with drop handle, each \$1.50.

RUSTIC HANGING BASKETS

Made from Laurel roots, elegantly finished and rattan handle. These baskets cannot be equaled in style, finish or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$2.25; 12 in., \$2.50; 15 in., \$3.50.



⌘ Hanging Basket

**PORTABLE WOOD HURDLES**

They are suitable for inclosing and dividing lots or plots to suit any requirement on a gentleman's country seat, or for farmers' use in general. Made with split chestnut. They measure 8 ft. 3 in. in length.

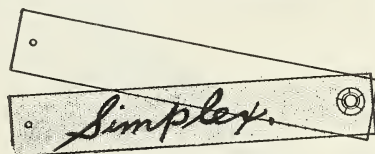
With 4 bars, suitable for horse and cows, per 100 \$170.00.

With 5 bars, suitable for sheep, per 100 \$190.00.

4-bar Hurdle Gate, 10 ft. long, each \$4.75.

5-bar Hurdle Gate, 10 ft. long, each \$5.25.

Prices subject to change.

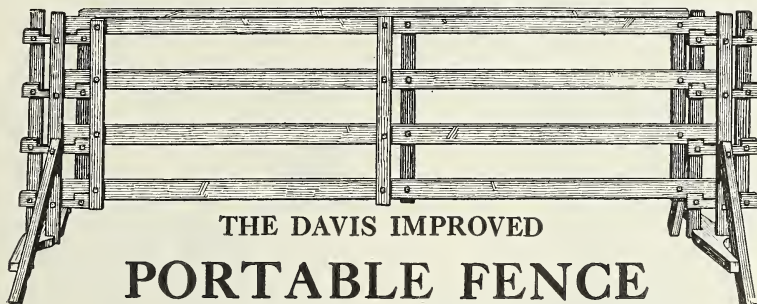
SIMPLEX WATERPROOF PLANT LABELS

		The writing is protected by the transparent cover	
		Doz.	100
No. 1.	3x1½ in.	\$0.35	\$2.25
No. 2.	4x¾ in.	.70	4.50
No. 3.	5x1 in.	1.00	7.00

Including copper wires for attaching.

SIMPLEX GARDEN LABEL

This label is used for marking plants in borders, etc. The rod is 18 in. long and the card for writing on is 1½ by 2¾ in., which is made from celluloid with a transparent cover. Doz. \$2.50, 100 \$20.00.

**THE DAVIS IMPROVED PORTABLE FENCE**

Suitable for the farm, lawn or paddock and convertible to innumerable uses. The portable posts, resting on the ground, are braced on either side by an attached arm and secured by the interlocking device on the end of each panel, as well as by the weight of the whole section. For permanent construction a 2-in.x2-in. x22-in. pin, fastens opposite sides of alternate posts to the ground.

All panels 12 ft. long; 4 rail, 54 in. high; 5 rail, 46 in. high. Rails 1 in.x4 in.; stay strips 1 in.x3 in.; braces 2 in.x2½ in.; base block 2 in.x6 in.

Distance between rails in 4-rail fence, 8 in.; in 5-rail fence, 4 in. between lower rails and 6-in. between upper rails.

Anchor Pins: 1 per post 2 in.x2 in.x22 in. long.

Average weight of posts 30 lbs.; of panels 70 lbs.

In 12 ft. sections only F. O. B. factory, Morristown, N. J., or Catskill, N. Y.

4 rail fence 54 in. high, 45c. per lineal ft.; 5 rail fence 46 in. high, 50c. per lineal ft.

Complete, including posts and pins (one of each per 12 ft. section). Extra posts, in either height, \$2.00. each.

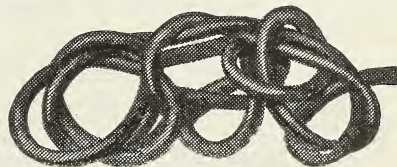
Carload shipments, consisting of 150 sections with posts and pins complete, command minimum freight rate.

THE "MARSHALL GARDEN HOSE"

We have arranged with a leading maker to manufacture a special hose for garden and greenhouse work which is non-kinkable and will stand the highest water pressure.

Sample mailed on request. In 25- and 50-foot lengths only with ¼-inch connections.

"Marshall" Hose. ¾-inch, 20c. per foot; ½-inch, 18c. per foot.



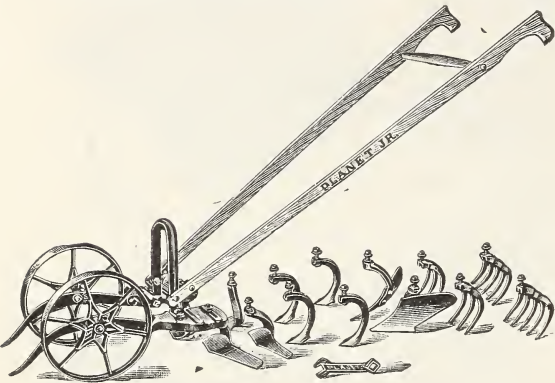
"Marshall" Hose

**ELECTRIC GARDEN HOSE**

A three-ply, non-kinkable, molded hose.
Standard lengths, 25 and 50 ft. ½ in. per ft. . . \$0.22
Standard lengths, 25 and 50 ft. ¾ in. per ft. . . .23

PLANET JR. TOOLS

Products of 35 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change.

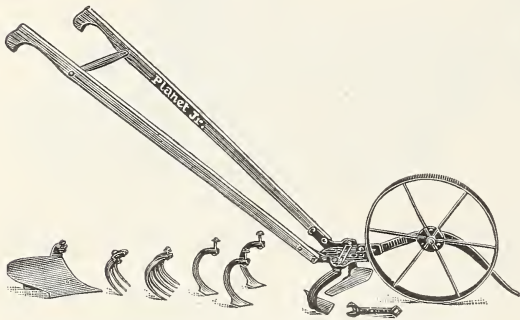


No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Price, with attachments as in cut, \$16.00.

No. 12 Double Wheel Hoe, Price \$12.50

This is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf filters only.



No. 16 Planet Jr. Single Wheel Hoe

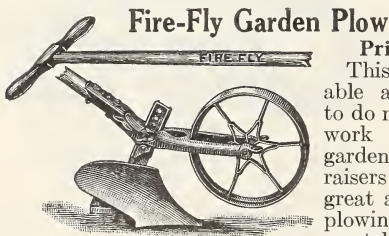
Price with attachments shown in cut, \$10.25.

No. 17 Single Wheel Hoe, Price \$8.75

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 18 Single Wheel Hoe, Price \$6.25

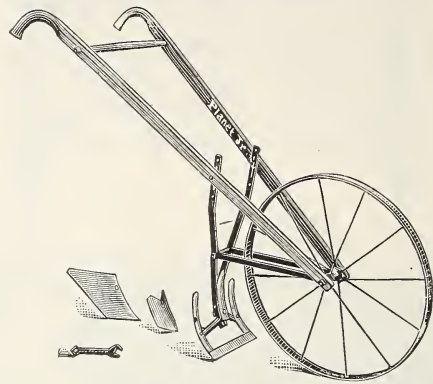
Has one pair of 6-inch hoes only—the tools that are mostly constantly useful. Other tools can be added as needed.



Fire-Fly Garden Plow

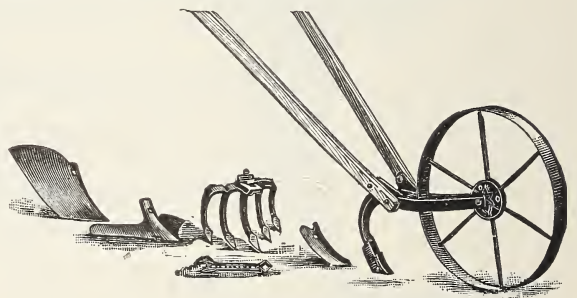
Price, \$4.50

This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.



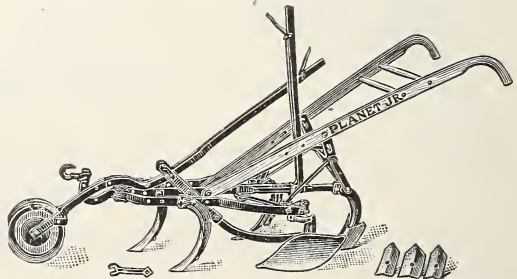
No. 119 Garden Plow and Cultivator

A new cultivator with a 24-in. wheel. A very useful tool for small gardens. Price, \$5.50.



No. 19 Farmers' Single Wheel Hoe, Cultivator and Plow

A cheap and efficient garden tool, consisting of one plow, one 10-in. sweep, one 5-in. sweep, one 2-in. cultivator and one 4-in. cultivator. Price, complete, \$6.25.



No. 8 Planet Jr. Horse Hoe and Cultivator

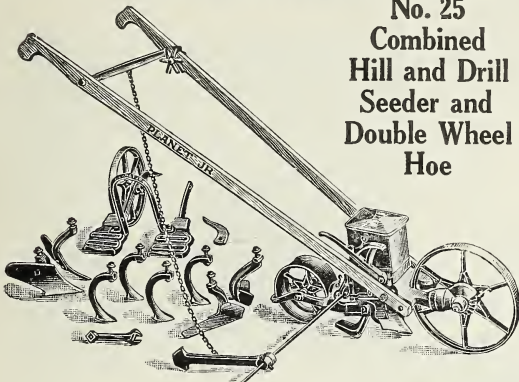
The above as illustrated can be used for cultivating almost every known crop in rows. Price, complete, \$19.50.

No. 104 Horse Hoe and Cultivator

Equipment: Five 3-in. Steels, 1 pair 6-in. turning shovels, one 7-in. shovel steel and lever wheel. Price, \$15.00.

PLANET JR. TOOLS—Continued

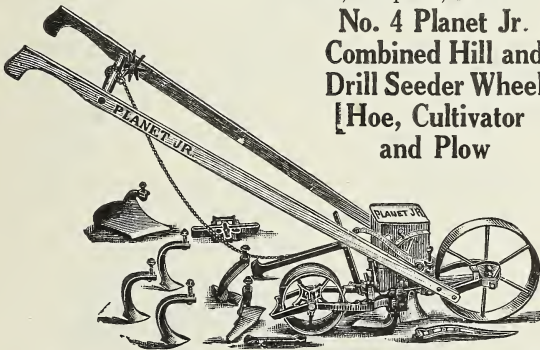
No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe



As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

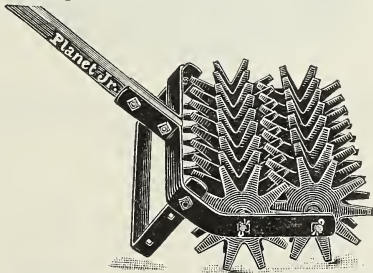
As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$23.00.

No. 4 Planet Jr. Combined Hill and Drill Seeder Wheel [Hoe, Cultivator and Plow



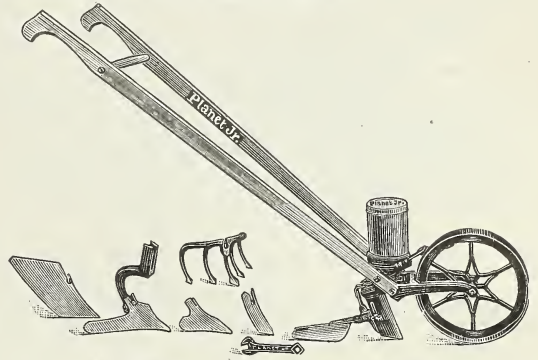
No. 4 complete.....\$19.50
No. 4 D, as a Seeder only..... 15.50

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.



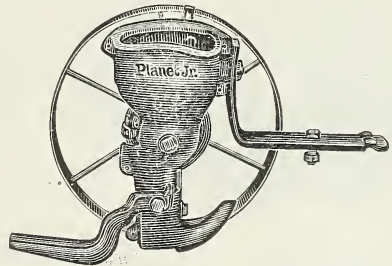
Planet Jr. Star Pulverizer, Leveler and Weeder

This new tool is especially adapted for preparing the seed bed, and will be found of great value in smoothing and fining the soil surface. The rear blade is 13½ inches wide. After the crops are started, it may be used between rows as a weeder or as a crust breaker. Price, \$6.50.



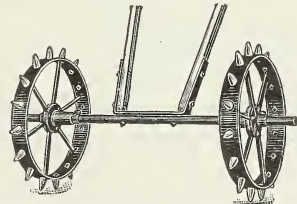
No. 31 Planet Jr. Combined Seeder and Wheel Hoe

It combines a thoroughly reliable Seeder that will sow all garden seeds from the smallest up to peas and beans, with a first-class light running Wheel Hoe. No. 31 Complete Seeder and Wheel Hoe.....\$13.00
No. 31D As a Seeder only..... 10.50
No. 33 As a Wheel Hoe only with tools as shown above without the seeder attachment 6.50



Seeder Attachment No. 35

The above can be attached to any Planet Jr. Single or Double Wheel Hoe. The Hopper holds a pint of seed, is indexed for all the principal seeds and will sow the last seed so that a small packet can be sown without waste. Price, \$6.25.



Planet Jr. Spot and Drill Marker

Very useful for marking out the rows when transplanting all kinds of plants to ensure the same distance apart between the plants and rows.

Two-Row Spot and Drill Marker. Price, \$5.00.

Extra Parts for Planet Jrs.

We shall be pleased to supply any parts or attachments. Always give No. of Tool or send broken part when ordering.

COLDWELL'S LAWN MOWERS

IMPERIAL HIGH WHEEL MOWER

The Imperial is one of our best mowers. It can be sharpened in a few minutes without removing any of its parts. We positively guarantee this mower to give entire satisfaction.

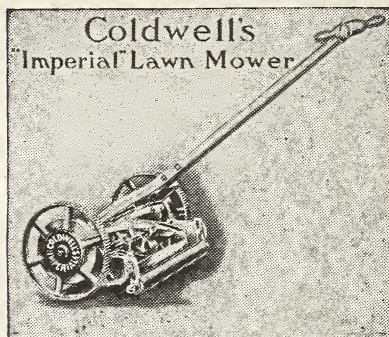
Net Price: 14 in., 4 blades.....	\$16.00;	5 blades.....	\$17.00
Net Price: 16 in., 4 blades....	17.00;	5 blades.....	18.00
Net Price: 18 in., 4 blades....	18.00;	5 blades.....	19.00
Net Price: 20 in., 4 blades....	19.25;	5 blades.....	20.00

"THE RAJAH" BALL-BEARING LAWN MOWER

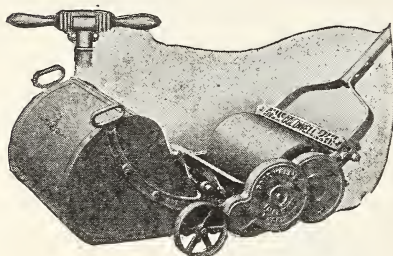
The "Rajah" is the best Ball Bearing Mower on the market. It has 10-inch drive wheels; five blades in the revolving cutter, which is of large diameter, thus enabling it to cut high grass. The adjustment of this machine is accomplished by means of a single screw conveniently located in the end of revolving cutter. This one screw does it all.

Net Price, 14 inches, 5 blades.....	\$19.00
Net Price, 16 inches, 5 blades.....	20.00

Net Price, 18 inches, 5 blades.....	\$21.00
Net Price, 20 inches, 5 blades.....	22.00



IMPROVED EXCELSIOR MOWER



This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.

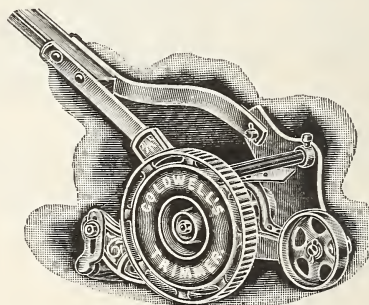
Net Price: 12 in., 6 blades.....	\$28.00
Net Price: 14 in., 6 blades.....	29.00
Net Price: 16 in., 6 blades.....	30.00
Net Price: 18 in., 6 blades.....	31.00

Metal Grass Catchers, each, \$5.50.

"THE REGAL" BALL-BEARING LAWN MOWER

The drive wheels of the Regal are locked fast to the opposite ends of a steel shaft which is supported near its ends by ball bearings. The ball bearings are fitted with adjustable cones, by means of which the wheels can always be made to run true, no matter how much the machine is worn.

Net prices: 14 in., 5 blades, \$21.00; 16 in., \$22.00; 18 in., \$23.00; 20 in., \$24.00.



COLDWELL'S UNIVERSAL HORSE LAWN MOWER

It has side draft attachment to enable the horse to walk on the cut only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

30 in., 4 blades.....	\$136.00
30 in., 6 blades.....	140.00
35 in., 4 blades.....	156.00
35 in., 6 blades.....	167.00
40 in., 4 blades.....	175.00
40 in., 6 blades.....	187.00

COLDWELL'S LAWN TRIMMER AND EDGER

(Ball-Bearing)

Does what lawn mowers leave undone. It can be run close to walls and trees, cutting grass clean and quickly. Can also be used for trimming edges of walks, etc. It has four blades, 8 inches wide. \$11.00 each.

GRASS CATCHERS

For Imperial, Rajah and Regal Mowers.

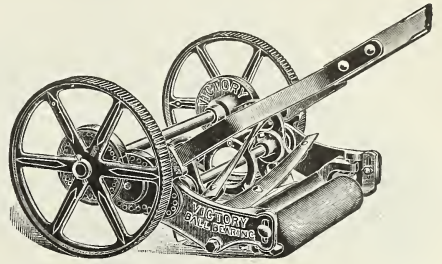
Net Prices: 12 in., \$3.00; 14 in., \$3.00; 16 in., \$3.25; 18 in., \$3.50; 20 in., \$3.75.

"VICTORY" BALL-BEARING LAWN MOWER

This mower is fitted with **Ball Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

Net Prices:

14 in.....	\$20.00	18 in.....	24.00
16 in.....	22.00	20 in.....	\$26.00



TOWNSEND'S GOLF WONDER MOWER

Especially designed for cutting Putting Greens and fine Lawns. Runs very easy, due to high speed; has gear drive and six-blade knife reel. 16 in. \$28.00; 18 in. \$30.00; 20 in. \$32.00. Grass Catcher, complete with elevator and deflector, \$7.50.

GREAT AMERICAN MOWER

A double-gearred mower which gives fine results.

10½-inch high wheel, 5-blade cylinder, ball-bearing.

15-in. ..	\$20.00	17-in. ..	\$23.00	19-in. ..	\$25.00	21-in. ..	\$28.00
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PENNSYLVANIA STANDARD LAWN MOWERS

High wheel, 10½-inch diameter

15 in., 4 blades.....	\$26.50	19 in., 4 blades.....	\$33.00
17 in., 4 blades.....	30.00	21 in., 4 blades.....	37.00

PENNSYLVANIA PUTTING GREEN ROLLER MOWER

Has 6 blades, 7-in. iron rollers, all highly finished. 14 in., \$28.00, 16 in., \$32.00, 18 in., \$35.00. Grass Catchers, \$10.00 each.

"EASY" BORDER LAWN MOWER

The only mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self-adjusting ball bearings with detachable handle.

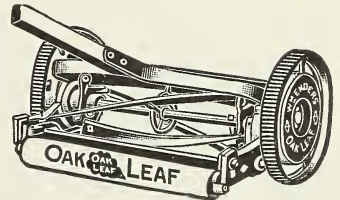
Net Prices:

10 in.....	\$18.00	14 in.....	\$24.00	18 in.....	\$30.00
12 in.....	21.00	16 in.....	27.00	20 in.....	33.00

"OAK LEAF" HIGH WHEEL BALL-BEARING LAWN MOWER

This machine has 10-in. drive wheels, four-blade revolving cutter, direct gearing with pawls on each side. We recommend this as a first-class lawn mower for the cheaper price.

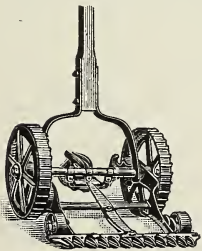
14 in.....	\$12.50	16 in.....	\$13.00	18 in.....	\$13.50
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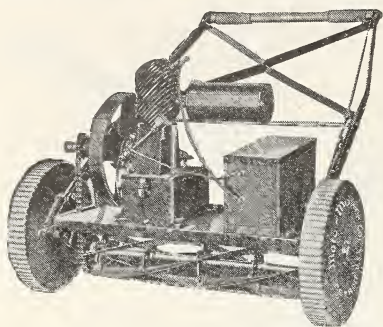
THE "CLIPPER" MOWER

The cut shows a perspective view of the "Clipper" Mower. In the first place you will observe the cutter bar is directly in front of the wheels. The wheels travel over ground where the grass is cut, never rolling down the standing grass with the wheels, as other lawn mowers do. The small gauge wheels at the side are to gauge the height you wish to cut the grass.

Net prices: 15 inches, \$10.50; 18 inches, \$12.50; 21 inches, \$14.50.



Prices of all Lawn Mowers are subject to change.



MOTO-MOWER

The Moto-Mower is strongly built of best material, guaranteed against defects in material and workmanship. Will cut lawns around trees, in nooks and corners, also terraces. It has no gears or clutches to get out of order. Burns one-eighth gallon of gas per hour. Weight, 160 pounds. Power, one horse, two cycle, air cooled motor. Cut 27 inches.

Price, \$275.00. F. O. B., East Orange, N. J.

Grass Catchers, \$7.50.

COLDWELL'S COMBINATION ROLLER AND MOTOR LAWN MOWER

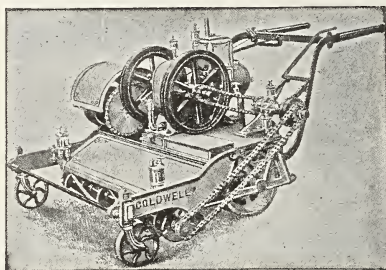
Simplicity more than anything else has been sought in these models. Mechanical experience is not necessary to operate them and they can be cared for by anyone.

In using these machines you simply have to guide the mower, negotiating any grade that a horse-mower can be used on, and running a keen 30-inch or 35-inch cutter over 6 or 8 acres per day. Model "H" weighs 900 lbs. Model "G" (same type), 35-inch cut, weight 1000 lbs.

The operating handles are also used for raising and lowering the cutter unit over obstacles.

Model G, \$475.00. F. O. B., Newburgh, N. Y.

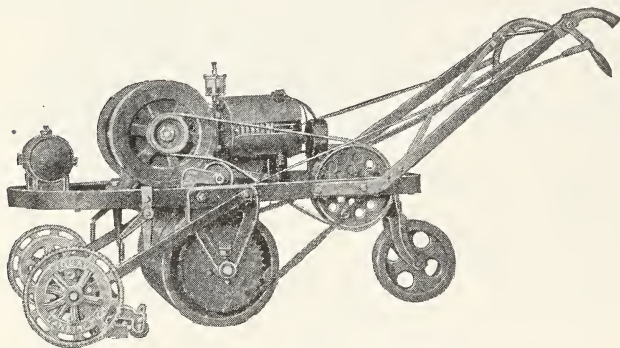
Model H, \$425.00. F. O. B., Newburgh, N. Y.



IDEAL JUNIOR POWER LAWN MOWER

In the Ideal Junior outfit are embodied all the principles for the correct application of power to the mowing of lawns. It is of the same general construction as the Ideal Model except that it has a 22-inch cut and is lighter weight. The drive rollers are corrugated to prevent sliding; speed three miles per hour; weight, 325 lbs.

Price, F. O. B., New York, \$235.00.



Ideal Junior Lawn Mower

THE IDEAL TRACTOR LAWN MOWER

The Ideal Lawn Mower is built with as few parts as possible, is simple in construction and can be depended on to give good work with minimum expense. Width of cut, 30 inches. Weight, 550 lbs.

Price, \$350.00, F. O. B. New York. Riding attachment, \$30.00 extra. Extra Cutting Unit, \$50.00.

TOWNSEND'S TRIPLEX HORSE LAWN MOWER

The Triplex Mower consists of three mowers yoked together, two abreast in front, and one in the rear, thus cutting a swath 86 inches wide.

One man and one horse, with a Triplex, will cut more grass in a day than with three ordinary horse mowers. Ask for catalogue with full particulars. Price, \$400.00 net. F. O. B. Bloomfield, N. J.

THE SHAWNEE TRIPLE "SULKY" MOWER

The Shawnee Mower combines the work of three mowers in one, cutting 7 feet wide or as a sulky only 30 inches. The Spring arrangements permit it to cut long or rough grass any desired length. Descriptive circular sent on request.

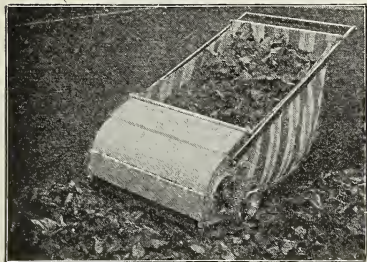
Price net, \$350.00. Extra unit, ordered with mower, \$90.00. Extra unit ordered separate, \$100.00.

PLANET JR. GRASS EDGER

Useful for edging paths, drives, open borders or flower borders. It can be set for the wheel to run on the grass or walks. Price \$6.50.

All Lawn Mower prices are subject to change without notice.

PENNSYLVANIA LAWN CLEANER



A revolving fan with metal teeth creates an air current which carries into the canvas baskets all leaves, dead grass, stone, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by lawn mower. It combines strength and durability with light construction. 24 inches wide. \$35.00. 36 inches wide, \$50.00.

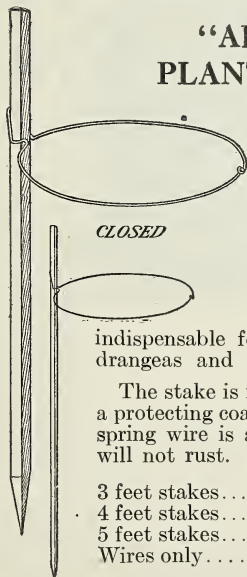


GRASS SOD AND CEMENT TAMPERS

Useful for tamping down sod and uneven spots on Lawns, Tennis Courts and Golf Grounds. Made of iron, with heavy wooden handle.

Square Pattern. Size 6 in. Weight 12 lbs. Each \$2.00. Size 8 in. Weight 17 lbs. Each \$2.75

"ADJUSTO" PLANT SUPPORT



CLOSED

The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

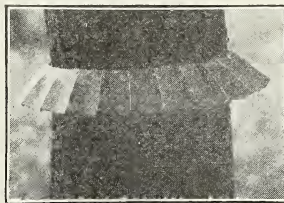
The stake is made of hard wood having a protecting coat of green paint; the heavy spring wire is also painted green and so will not rust.

	Each	Doz.
3 feet stakes.....	\$0.20	\$2.25
4 feet stakes.....	.25	2.75
5 feet stakes.....	.30	3.25
Wires only.....	.15	1.50

ONE-HORSE GARDEN PLOW

No. 6 Iron beam wood handles; cuts a 3- to 6-inch deep furrow and 7 to 10 inches wide. Weight 65 lbs. No. 6. Price, with extra point, \$12.00; with wheel, \$2.00 extra.

STANDARD TREE BANDS

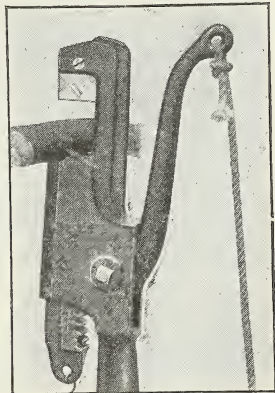


Protects the tree from the ravages of moths and caterpillars. Easily and quickly adjusted and does not disfigure the tree like other sticky contrivances. Now in use by the Department of Parks, New York City.

Per foot 10 cts. in 25 and 100 feet rolls.

DEXTER PRUNER

The two razor sharp knives enter the limb on opposite sides and sever the limb with a clean cut. The blades are $3\frac{1}{8}$ inches wide and will cut any limb up to that diameter. It can be attached to any length pole. The leverage is so accurately balanced that no extraordinary strength is required to cut the limb. Each without pole \$5.00.



This well-known English preparation is used for shading greenhouses, frames, etc. Does not wash off like lime. Packages containing 8 ounces. Each 60c.



BAKER'S HORSE LAWN SHOE

It is made of a steel plate turned up at the toe to protect the turf, with two riveted prongs that fit the horseshoe in front and a clamp that sets up to the heel. In ordering please send size of horseshoe from toe to heel, or a tracing of the shoe to insure a good fit. Per set, \$10.00.



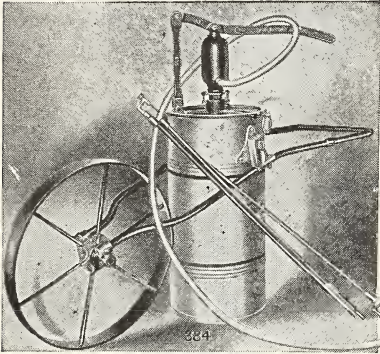
DOUBLE MOULD TWO-HORSE PLOW

This plow is especially adapted for cultivating Potatoes, Corn, etc. Has chilled mould boards and share, 8-inch cut making a double furrow, 16-inch spread. No. 2. Price \$16.00, with wheel \$2.00 extra.

AUTO-SPRAY PUMPS

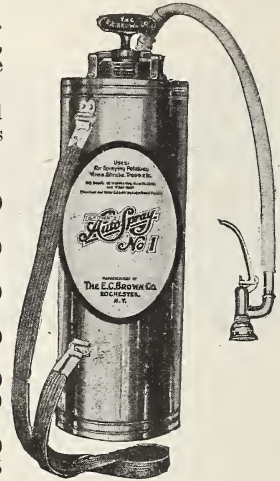
No other style of sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs and vines, greenhouses, poultry houses, hospitals and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any buckets or knapsack Sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power Sprayers need the "Auto-Sprayer" No. 1 for small work.



Auto Spray No. 40 C.

No. 1. A. Brass Tank, with Stop-Cock.....	\$10.00
No. 1. B. Brass Tank, with "Auto-Pop".....	10.50
No. 1. C. Galvanized Tank, with Stop-Cock.....	6.50
No. 1. D. Galvanized Tank, with "Auto-Pop".....	7.00
"Auto-Pop" Nozzle, with hose and connections.....	2.00
"Auto-Pop" Nozzle.....	1.50
Extension Pipe, Brass, 2 ft. lengths, each.....	.60
Elbow extension, solid brass.....	.35
Brass Strainer.....	1.50



Auto Spray No. 40C. Compressed air, heavy brass tank, capacity 12 gallons, 8 ft. hose, screen nozzle. Mounted on 20-in. wheel truck. A very complete spraying outfit. Price, \$35.00.

Auto Spray No. 40D. With galvanized tank and attachments, as above, \$30.00.

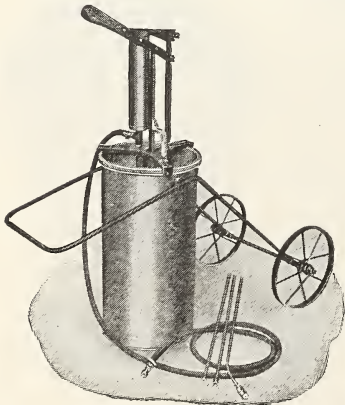
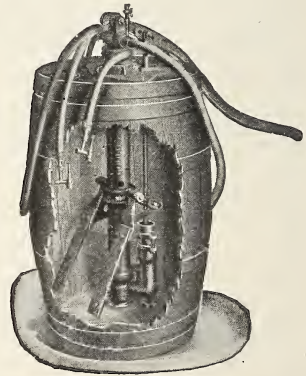
Extension Pipes. For No. 40C or D, 2 ft. 8 in. long, 50c. each.

"POMONA" BARREL SPRAY PUMP

Very Powerful and Large Capacity—All Working Parts Bronze

The best orchard barrel Sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

Pump, with Agitator and Hose Coupling.....	\$23.00
Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose and Mistry Jr. Nozzle.....	30.00
Outfit D. Pump with Agitator, two leads, 15 ft. each, Hose and two Mistry Jr. Spray Nozzles.....	37.00
Barrel furnished for above and mounting.....	12.00
Iron Pipe Extension. 8 ft. long. Fitted with stop-cock and 1/4-inch threads.....	3.50
Barrel Cart. Designed for mounting the above Sprayers. Iron Wheels with wide tires. With barrel for pump.....	40.00
Without barrel.....	28.00

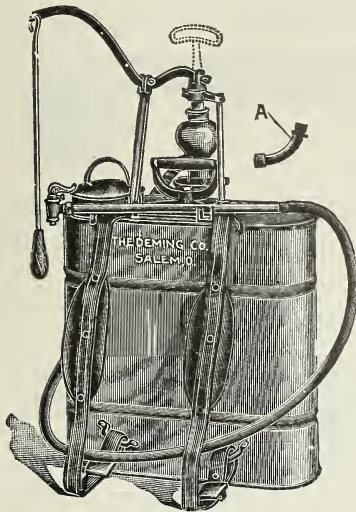


PARAGON SPRAYER NO. 3

For spraying trees, vegetables, whitewashing or water paints.

Mounted on a strong metal truck and can easily be wheeled to any desirable place. All liquid passes through the automatic, self-cleaning strainer before entering the pump, and cannot clog the nozzle when spraying.

Equipment: 10 ft. Special Spray Hose, 7 1/2 ft. Extension Pipe, one Mist Nozzle, one Steel Cap, one Straight Spray. Any additional length of hose can be furnished at a reasonable extra charge. Capacity, 12 gallons, galvanized tank. Price, \$30.00.

**"Success" Sprayer****AUTO-SPRAY NO. 6****BUCKET PUMP**

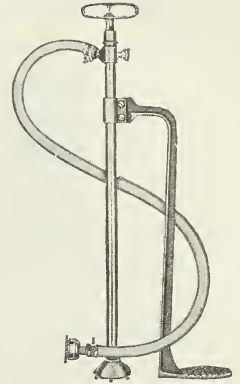
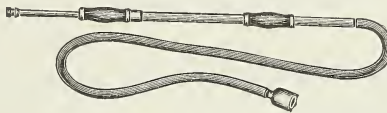
This pump sprays perfectly on the up and down strokes. The parts are all made with brass and a malleable iron foot rest.

3 ft. of hose, one solid stream nozzle, and one for a fine mist spray with screen to prevent clogging. Each \$5.50.

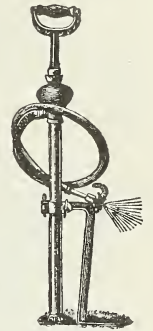
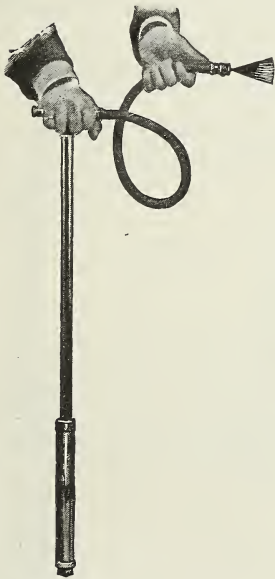
"SUCCESS" SPRAYER

This sprayer is undoubtedly the best and most improved on the market. The tank holds 5 gallons and is made of copper throughout. Pump is fitted with bronze valves and mechanical agitator. The attachment A is used for underspraying.

Price.....\$27.50

**Auto-Spray No. 6****AUTO-SPRAY NO. 5**

This pump is made entirely of brass, is double acting and will generate a pressure of 150 lbs. Furnished with an extra solid stream cap or long distance nozzle; a heavy strainer on an extension for placing in bucket and 2½ feet ½ inch hose. Can be used in any pail or container. Each \$5.00. Brass extension rods, each 60c.

**Brass Bucket Pump****Jr. No. 5 Pump****BRASS BUCKET SPRAYERS**

This Spray Pump is especially designed for spraying in gardens and greenhouses. The pump is double acting in effect, has gutta percha ball valves. Foot piece is malleable iron. The pump end of discharge hose is wire wound. Each \$6.50.

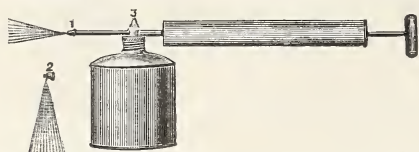
JUNIOR NO. 5 SPRAY PUMP

This Pump requires no fastening of any kind. All the operator need do is to press the plunger down. It rises itself by a brass spring. Can be used in a pail, tank or barrel. All parts except handle and hose are solid brass. Complete with hose and nozzles as shown in cut, each \$3.50.

THE MEYER'S POWER SPRAY GUN

This gun utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles and fittings. It can be adjusted to make a long or short distance spray and is fitted for ¾-inch hose coupling and ¼-inch pipe. Each \$12.00.

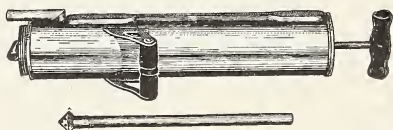
COMPRESSED AIR SPRAYERS



These Patent Sprayers give a continuous spray, reduce the liquid to a fine, mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the under side of the leaves of plants and shrubs.

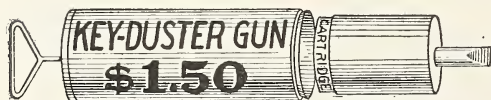
- No. 1. Galvanized reservoir.....\$1.25
 No. 2. Brass pump and reservoir.....2.25
 No. 3. Tin pump and reservoir.....1.00

DUSTER BROWN POWDER GUN



A double acting continuous dust gun for use in dusting small trees, garden truck and general dusting use. The container holds one quart of powder. Each \$2.25.

KEY DUSTER GUN



The new, quick and easy way of using insecticides and fungicides in the cartridge. No handling or mixing of chemicals and without the use of water.

The gun automatically opens the cartridge and applies the materials to the foliage.

Filling the long felt want for home garden, small orchard. Price \$1.50.

All Handy Sealed Cartridges, 15c. each



For vegetable and small fruit. B. A. Cartridge.

For flowers and shrubs. Ofloro Cartridge.

For fruit and vegetables, nearly ripe. Hellebore Cartridge.

For aphids and many soft-bodied insects. Kaphis Cartridge.

For orchard fruit. L. A. S. Cartridge.

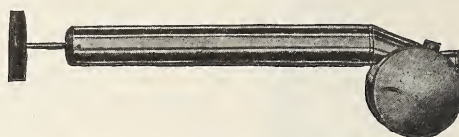


H R SEED PRESERVER

For Potatoes, Corn and Grain Seed. It prevents crows and other birds from taking your seed, scab and rot in Potatoes and smut in grains.

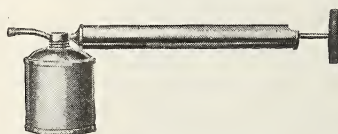
1 gal., sufficient for 15 bus., \$1.50; 5 gals., sufficient for 80 bus., \$6.00.

AUTO-SPRAY No. 22 A



A single acting hand atomizer. Made from good heavy material. Capacity 1 qt. Pump cylinder, 14 inches by 1 1/4 inches. Length 22 inches. Each 50c.

AUTO-SPRAY No. 26 C



The Auto Spray No. 26 C operates continuously on both the up and down stroke and throws a fine, misty spray.

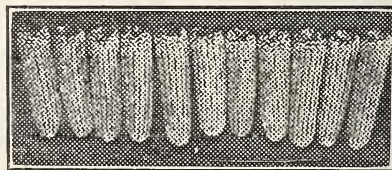
Two spray caps, one straight and one at an angle for under the leaves. Capacity, 1 quart, each \$1.25.

EARP-THOMAS SOIL TESTER

The Earp-Thomas Soil Tester is an instrument which shows at a glance whether or not your soil is "sour" and needs lime. It is easy to use, simple in operation and accurate.

It is not necessary to maintain a laboratory—the Earp-Thomas Soil Tester will make accurate tests right on the field. It may be carried conveniently in the pocket.

The cost of making the tests is practically nothing and the first cost of the Earp-Thomas Soil Tester can often be saved out of your lime order the first season. You need have no more doubts as to the exact amount of lime the soil in any field or plot contains, and you can avoid the losses which always follow the planting of a crop requiring a sweet soil on one which is acid. Price, complete, \$5.00.





Fan Trellis

FAN TRELLIS

Very popular for training pot plants for windows or conservatories.

Height	Width	Each
18 in.	6 in.	\$0.40
24 in.	10 in.	.60
30 in.	13 in.	.80
36 in.	16 in.	1.40

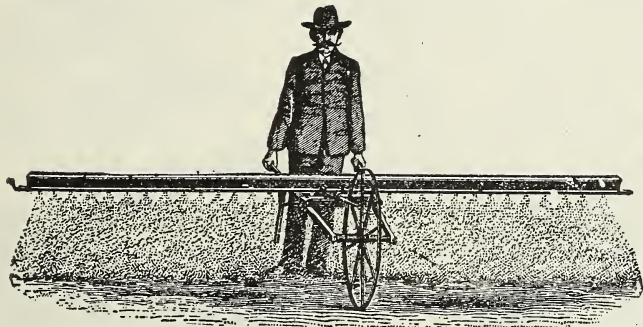
All painted dark green.

TOMATO STAKES

Made with cypress, 1 inch square, 5 foot long pointed at end. Doz. \$2.00, 100 \$15.00.

CEDAR BEAN POLES

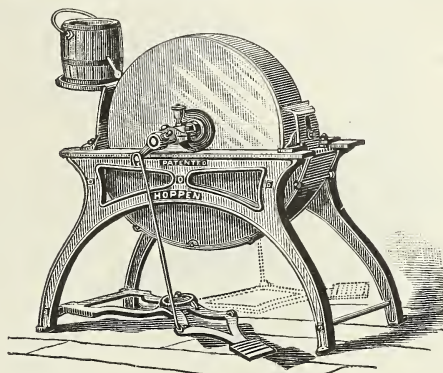
Made from small Cedars with the spurs left on; 8 to 9 feet long, pointed to drive in the ground. Doz. \$2.75.

GRASS SEED SEEDERS**DOUBLE HOPPER WHEELBARROW SEEDER**

This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. No. 9. Price \$18.50.

**THE "LITTLE WONDER"
HEDGE TRIMMER**

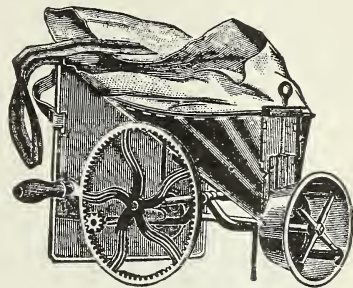
This trimmer entirely revolutionizes hedge trimming. It is wonderful how quick it cuts and how smooth a job it makes and how easy it operates. To get a beautiful thick hedge it is necessary to trim at least every three weeks. The "Little Wonder" makes the frequent cutting possible without practically any expense. It cuts from five to ten times as fast as by hand and does better work. Guaranteed for one year and complete instruction accompanies each machine. Price \$27.50.

THE HOPPEN GRINDSTONE

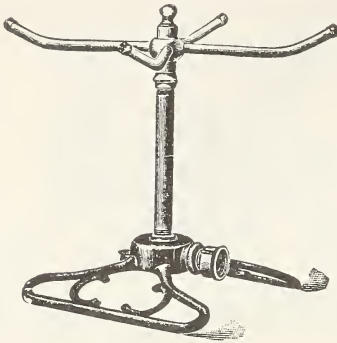
The frame is all iron and is very rigid. Every private estate should have one of these grindstones on hand.

- No. 0 Stone, 24x2½ in., with handle, treadle, bucket and shield pan.....\$37.00
No. 1, Stone, 24x3 in., with handle, treadle, bucket and shield pan.....41.00

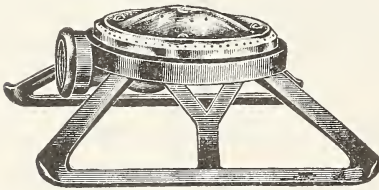
F. O. B., Belleville, N. J.

**CAHOON'S BROADCAST
SEED SOWER**

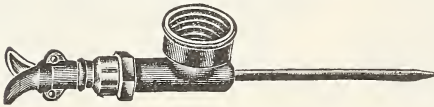
This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian seed, throwing from 8 to 20 feet on each side of the operator. \$6.00.

CALIFORNIA SPRINKLER

This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price, \$2.75.

TUXEDO SPRINKLER

The Tuxedo Sprinkler has a brass top, as shown in the cut, firmly screwed down on to an iron sled, the base of which is $7\frac{1}{4}$ by $7\frac{1}{4}$ inches. It throws the water in a copious spray, well distributed. Price, \$1.25 each.

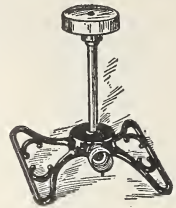
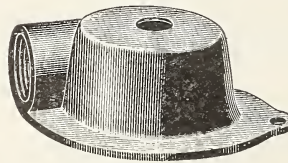
"WATER WITCH"

This Sprinkler works more satisfactorily with a low pressure of water than any other.

No. 3, with spur to stick in the ground, 90c, each; No. 4, with stand, \$1.25.

THE LAWN SHOWER SPRAYER

Will throw an even, gentle spray over 25 feet in diameter at a water pressure of about 40 pounds, the nozzle may be directly connected to hose for washing sidewalks. It makes an attractive fountain display. Holder and Nozzle complete. Price, \$3.00.

**"C. B. G." SPRINKLER**

The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each, 75c.

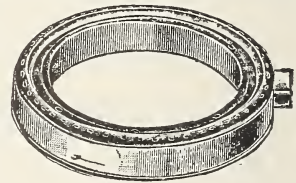
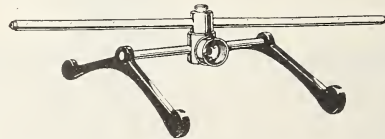
BRASS FOUNTAIN SPRINKLER

Very simple in construction.

Cannot rust or get out of order.

Will not injure the lawn. Requires only ordinary pressure of water.

Price, \$1.25 each.

**RAINBOW SPRINKLER**

A high or low pressure brass Sprinkler. The water descends in small particles like mist and rain combined over an area of 40 to 50 feet, watering every inch of ground. It is instantly set in motion with low pressure and does not stick or rust. Each \$3.00.

THE "SKINNER" LAWN MIST IRRIGATOR

For lawns, vegetables or flowers this Sprinkler throws the finest mist that can be used out of doors. Mounted on two wheels and a castor. Length 15 feet, five-spray clusters, 36 inches apart. Total 15 nozzles. Each, \$18.50.

LAWN MIST JUNIOR SPRINKLER

Similar to the above, $9\frac{1}{2}$ feet long, mounted on sliding skids, 12 nozzles. Each, \$10.50.

BORDER MIST SPRINKLER

A one-way Sprinkler or for watering one way only. Length, 15 feet, nozzles 17 inches apart. Mounted on two-wheel truck. Each \$18.50.



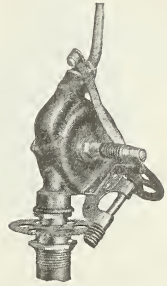
THE OSCILLATING LAWN AND GARDEN IRRIGATOR



Five-foot Oscillating Sprinkler

The Oscillating Irrigator attached to garden hose with ordinary water pressure will automatically irrigate the entire surface with a fine dense, rain-like spray 30 feet on either or both sides, covering a rectangular area 60 feet in width the entire length of the machine. Can be adjusted to water only one side with any length of stroke by the turning of two thumb screws. Gears inclosed and all corrodible parts made of brass.

The Oscillating Irrigator is strongly constructed, and does not get out of order. Complete with $\frac{3}{4}$ -in. or 1-in. hose connection. 5-ft. sprinklers, \$10.00, 10-ft. \$15.00, 15-ft. \$25.00.

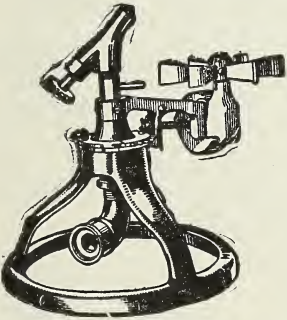


Turbo Irrigator Head

TURBO IRRIGATOR HEAD

The Turbo will thoroughly and evenly distribute the water in a form like fine rain, without injury to the finest turf, over a circular area 85 to 100 feet in diameter. It oscillates and rotates, breaking up the spray in a most attractive and effective manner. From one position it will entirely water a putting green, eliminating the usual labor required to move the ordinary sprinklers. Made of brass, it will give unusual service. Minimum pressure required, 30 pounds.

Complete, with tripod collapsible stand and connection for $\frac{3}{4}$ -in. or 1-in. hose. Price, \$15.00.

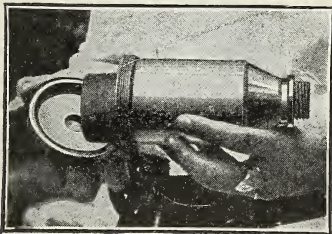


THE DAYTON ROTARY SPRINKLER

The Dayton Sprinkler is the most practical, durable and efficient sprinkler devised for watering lawns or gardens. It sprinkles in a circle from a 3-foot to a 40-foot radius, it operates with a 15-lb. up pressure of water and can be adjusted to any kind of a stream. All parts made with brass, aluminum and silver. Connections for $\frac{3}{4}$ -in. hose. Each \$7.00.

THE KIRKE SYSTEM

FERTILIZE WHILE WATERING, OR DESTROY INSECTS



Kirke Feeder for inserting the cartridge

The Kirke Feeder applies the fertilizer while watering, and feeds the grass or garden with high-grade, immediately available, concentrated plant food. It is a neat device easily attached to any garden hose. It will last a lifetime, and can be used both for Kirke Fertilizer and insecticide cartridges. The cartridges of concentrated fertilizer for the lawn and garden, and the nicotine cartridges for the destruction of soft-bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours.

Kirke Feeder. For fertilizer and insecticide cartridges, nickel-plated, complete, each \$3.00.

Kirke Fertilizer Cartridges. For lawns, flowers and vegetables. Each 20c., doz. \$2.00.

Kirke Nicotine Insecticide Cartridges. For spraying soft-bodied insects. Each 35c., doz. \$3.75.



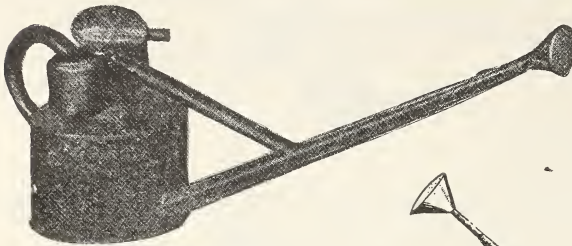
Kirke Fertilizer

Kirke Arsenate of Lead Insecticide Cartridges.

For spraying all leaf-eating insects. Each 50c., doz. \$5.75.

Kirke Bordo-Lead Fungicide Cartridges. For spraying fungus diseases. Each 30c., doz. \$3.50.

WATERING POTS



Hawe's English Pattern

Hawe's English. Valuable for watering fine seeds as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. 4 qts. \$5.00, 6 qts. \$5.50, 8 qts. \$6.00, 10 qts. \$6.50.

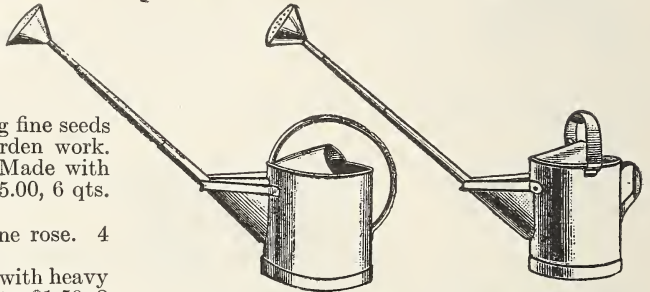
Low, or Strawberry Pattern. One fine rose. 4 qts. \$3.25.

Galvanized Watering Pot. It is made with heavy galvanized material. 4 qts. \$1.25, 6 qts. \$1.50, 8 qts. \$1.75, 10 qts. \$2.25, 12 qts. \$2.75, 16 qts. \$3.50

French Pattern. With long spout and brass bow handle. 2 roses. 6 qts. \$5.50, 8 qts. \$6.00, 10 qts. \$6.25, 12 qts. \$6.50.

Philadelphia Pattern. With two copper-faced roses. 4 qts. \$4.00, 6 qts. \$5.00, 8 qts. \$5.50, 10 qts. \$6.00, 12 qts. \$6.50.

Extra Roses. Fine or coarse. Each 75c.



French Pattern

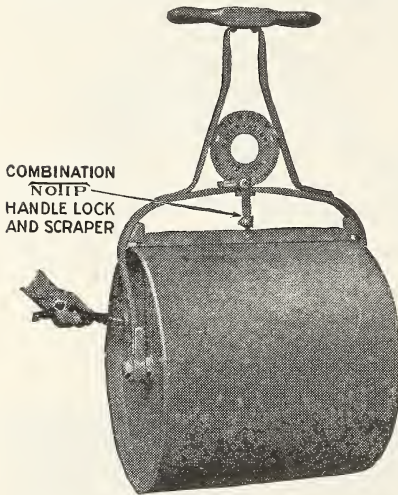
Philadelphia Pattern

WATER BALLAST ROLLER FOR LAWNS

With a Water Ballast Roller, one can secure any weight desired by simply removing a cap and filling with as much water or sand as may be required.

The plug is easily removed with the wrench that is furnished with all rollers. When filled with sand they weigh 50 per cent more than with water.

The "WB" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.



No.	Diam. Inches	Length Inches	Sections	Weight Empty	Filled with Water	Price
WB 3	14	20	1	60 lbs.	160 lbs.	\$19.00
WB 5	18	24	1	85 lbs.	300 lbs.	23.00
WB 7	24	24	1	110 lbs.	500 lbs.	27.50

WHEELBARROW

LEAF-RACK

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, with bolts to fasten to bottom of wheelbarrow. Each \$8.00.



WEED KILLERS

KEY WEED KILLER. Destroys weeds in paths, roads and gutters. Dilute one part Weed Killer to forty parts water. Does not discolor cement or stone. Qt. 70c., gal. \$1.75, 5 gals. \$7.00. Steel drums of 12 to 15 gals. each. Per gal. \$1.20, 50 gals. \$47.50.

HERBICIDE WEED KILLER. A liquid preparation for the killing of weeds of every kind on roadways, paths, gutters, tennis courts. 1 gal. makes 40 gals. liquid. Qt. 65c., gal. \$2.00, 5 gals. \$7.50, 10 gals. \$13.50, 30 gals. \$30.00.



STERLINGWORTH WEED KILLER.

For killing weeds in walks, drives and tennis courts where no vegetation is wanted. In powder form, to be dissolved in water. 1 lb. makes 15 gals., sufficient for 50 sq. yds. Lb. 50c., 5 lbs. \$2.00.

STERLINGWORTH LAWN COM- POUND.

Kills weeds in lawns without killing the grass, and makes the lawn green and velvety. 1 lb. will dress 100 to 200 sq. ft., depending upon the lawn's condition. 5-lb. cans 75c., 50-lb. kegs \$4.00, 100-lb. kegs \$7.80.



Guaranteed Products

For many years Sanitas Products have held an enviable position in the disinfectant field. The red Sanitas Oval has come to mean on disinfectants and allied products what "sterling" means on silver.

When you purchase Sanitas Guaranteed Products you are assured of two things—maximum quality for your expenditure and satisfactory results.

SANITAS ANIMAL DIP

For animal lice, sheep tick, scabies, etc. Mixes with hard water. One gal. makes 80 gals. dipping solution. Fully meets the recommendations for coal tar creosote dip mentioned in Farmers' Bulletin, 909, U. S. Dept. Agrl.

Gal. \$2.25; 5 gal. \$10.00; 10 gals. \$17.50.

SANITAS ANIMAL SOFT SOAP

Not an ordinary soap. Can be used as a salve. Has pleasing pine odor. Effective for treating mange, eczema and skin diseases. Quickly heals cuts, wounds and sores. Destroys fleas. Stimulates hair growth.

Qt. can, \$1.25; Gal. \$3.00; 5 gal. \$12.50

INSECTOL

Exterminates chicken mites, bed bugs, roaches, and moths. Destroys insect larvae and eggs. Drives pests from their hiding places. Stainless, non-explosive and non-inflammable. Pleasing odor.

Gal. can, \$2.25; 5 gal. \$10.00; 10 gals. \$17.50.

POULTRY REMEDIES AND FEEDS

CONKEY'S

POULTRY REMEDIES

Ask for "Conkey's Poultry Book." Free with all purchases.

Canker Special.....	50c.
Cholera Remedy.....	25c.
Gape Remedy.....	25c. and 50c.
Head Lice Ointment.....	25c.
Healing Salve.....	25c.
Healing Powder.....	25c.
Lice Fix.....	25c.
Lice Liquid. Qt. 60c., 2 qts. 90c., gal. \$1.50.	
Lice Powder. 25c. and 50c., 12 lbs. \$1.50.	
Limber Neck Remedy.....	60c.
Noxide Dip and Disinfectant. Pt. 50c., qt. 75c., 2 qts. \$1.25, gal. \$2.00.	
Poultry Laying Tonic. 1½ lb. 25c., 3¼ lbs. 50c., 25 lbs. \$3.00.	
Poultry Worm Remedy.....	25c.
Roup Pills.....	30c. and 60c.
Roup Remedy. 25c., 50c., \$1.00.	
Saltem. For stock. 10 lbs. \$1.00, 100 lbs. \$7.00.	
Scaly Leg Remedy.....	25c.
Sorehead Remedy.....	25c.
Sulphur Candles. Each.....	10c.
White Diarrhoea Remedy.....	25c.

PYN-A-IR

A fragrant disinfectant. Imparts a healthful forest tang to the atmosphere. Does not absorb oxygen. Recommended for general disinfecting and cleaning of household, stables, kennels, poultry houses, etc. Used diluted with water.

Qt. can \$1.00; gal. \$2.50; 5 gals. \$11.25; 10 gals. \$20.00. Barrels \$1.75 per gal.

SIXCO

Coal tar disinfectant. From four to six times more effective than most disinfectants and perfectly safe to use. One gal. makes 300 gals. of powerful germ killing solution.

Gal. can \$2.25; 5 gals. \$10.00; 10 gals. \$17.50.

SANITAS WEED KILLER

Overcomes the endless task of removing weeds and grass from driveways, paths, gutters, tennis courts, etc. One gallon diluted with 50 parts water will cover about 1000 square feet.

5 gal. can \$8.75; 10 gals. \$15.00. Bbls. \$1.25 gal.

POULTRY FOODS

Alfalfa Meal. 10 lbs. 60c., 100 lbs. \$4.00.	
Beef or Meat Scraps. Swifts "Laymore." 5 lbs. 40c., 10 lbs. 75c., 100 lbs. \$5.00.	
Bone Granulated. Coarse or fine. 5 lbs. 45c., 10 lbs. 80c., 100 lbs. \$7.00.	
Charcoal. Granulated. Fine, medium and coarse. 5 lbs. 30c., 10 lbs. 60c., 100 lbs. \$4.50.	
Conkey's Buttermilk Starting Food. 5 lbs. 50c., 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.50.	
Chick Food. 5 lbs. 35c., 10 lbs. 65c., 100 lbs. \$5.75.	
Dry Mash Feed. "Full O' Pep." 5 lbs. 35c., 100 lbs. \$5.00.	
Mico-Spar Grit. 5 lbs. 15c., 10 lbs. 25c., 50 lbs. 80c., 100 lbs. \$1.50.	
Oyster Shells. Fine or coarse. 10 lbs. 25c., 50 lbs. 90c., 100 lbs. \$1.60.	
Red Cross Health Grit. No. 2, for Pigeons, Bantams and Pheasants. 10 lbs. 50c., 100 lbs. \$2.75.	
Red Cross Health Grit. No. 3, for Laying Hens. 10 lbs. 50c., 100 lbs. \$2.75.	
Scratch Food. 5 lbs. 30c., 10 lbs. 50c., 50 lbs. \$2.50, 100 lbs. \$4.00.	
Wheat. 10 lbs. 60c., 100 lbs. \$4.00.	

Prices are subject to market changes.



"SPRATT'S" MEAT "FIBRINE" Vegetable Dog Cakes. The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs.

Prices: Per lb. 20c., 10 lbs. \$1.45, 100 lbs. \$13.00.

"SPRATT'S" PUPPY BISCUITS A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about one month old and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old.

Prices: Per lb. 20c., 10 lbs. \$1.60, 100 lbs. \$14.00.

POULTRY SUPPLIES

SPIR-OL[®] TRADE-MARK LEG BANDS



Black, White, Blue, Pink
Amber and Ruby

Made with celluloid in three sizes. 12 for 20c., 25 for 30c., 50 for 50c., 100 for 90c.

State what breed of chicken they are required for when ordering.



LEADER ADJUSTABLE LEG BANDS

Have a neat, compact and smooth fastening. Easily attached, secure and no catching points. Made in two sizes. 25 for 30c., 50 for 55c., 100 for \$1.00.

GAPE WORM EXTRACTOR



Full directions with each instrument. Each 30c.

POULTRY SUNDRIES

Egg Preserver. Water Glass. One quart with water for 15 doz. eggs. Qt. 50c., gal. \$1.25.

Egg Testers. Each 50c.

Nest Eggs. Lime Eggs. Odorless, strong and durable. 3 for 10c., doz. 30c.

Nest Eggs. China. 3 for 10c., doz. 35c.

Nets. For catching poultry. Mounted on 16-in. ring with 5½-ft. handle. Each \$1.50.

Poultry Punches. Moes Clip and Punch. Each 30c.

Poultry Shears. Nickel plated, \$4.50.

Thermometers. Brooder. Each \$1.00.

Incubator. "Tycos." Each \$1.00.

FARMER'S CAPONIZING SETS

Complete with full instructions for any one to use. \$4.00.



CORNELL CAPONIZING SET

This set is made under instructions from the Department of Poultry Husbandry of Cornell University. Price \$6.00.

POULTRY KILLING KNIVES



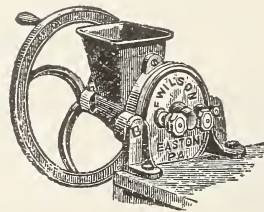
Made with finely tempered steel, with nickel handle. Each 65c.

RAT CORN

A safe and sure exterminator of rats and mice. This is not a poison and can be used without fear when other animals are around. No smell from the dead rats is detected, as the bodies dry up after death. Sizes, 25c., 50c. and \$1.00.



GRINDING MILL

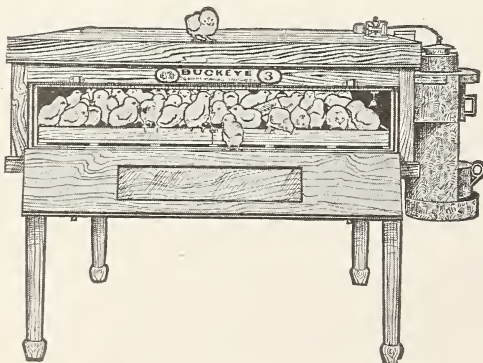


This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc.

No. 1. without legs, \$6.00; No. 1, with legs, \$8.50.

BUCKEYE INCUBATORS AND BROODERS

All the Buckeye Incubators are hot water heating system and guaranteed to do everything they claim.



BUCKEYE INCUBATORS

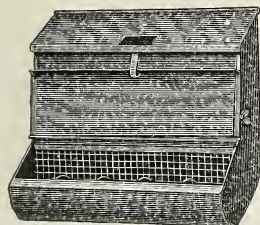
No. 14' Style E.	Capacity, 65 eggs.....	\$16.50
No. 16, Style E.	Capacity, 120 eggs.....	27.50
No. 17, Style E.	Capacity, 210 eggs.....	36.75
No. 1, Standard.	Capacity, 120 eggs.....	37.50
No. 2, Standard.	Capacity, 175 eggs.....	44.50
No. 3, Standard.	Capacity, 250 eggs.....	57.75
No. 4, Standard.	Capacity, 350 eggs.....	68.00
No. 5, Standard.	Capacity, 600 eggs.....	107.00

BUCKEYE BROODERS

No. 18. Coal Burner.	Galvanized hover, 42 inches.	Capacity, any number up to 500, \$21.50.
No. 19. Coal Burner.	Galvanized hover, 52 inches.	Capacity, any number up to 1000, \$26.50.

Descriptive Catalogue of the above mailed on request.

POULTRY FOUNTAINS AND FEEDERS



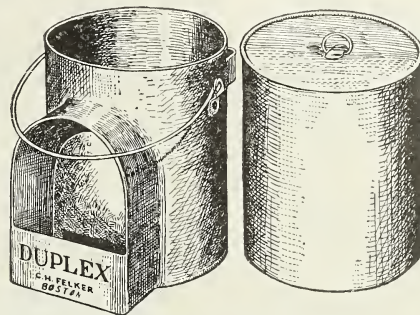
OAKES HOPPER

Provided with hinged lid over both hopper and trough, making it rat and mouse proof. Height 15 inches by 12 inches long. No. 1, each \$1.75.

ACME DROP BOTTOM FOUNTAIN

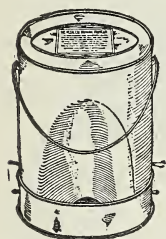
A distinct improvement over the one-piece fountain. The bottom is hinged to open and can be easily cleaned.

2 quart size \$1.15.
4 quart size \$1.65.
8 quart size \$2.00.



DUPLEX FOUNTAIN

The latest and most practical sanitary fountain on the market. This is a double fount and keeps the water clean and pure. Easy to fill and care for. Each, 4-qt. \$1.25, 8-qt. \$1.50.

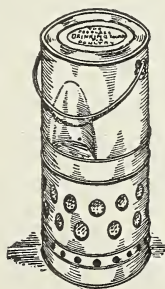


PEERLESS DRINKING FOUNTAIN

The water is always pure. Easy to clean and fill. Simple in construction, durable and practical. Heavy galvanized material. Each, 5-qt. \$1.00.

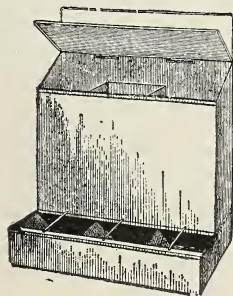
PEERLESS COMBINATION HEATER FOUNTAIN

This fountain is intended for Winter use. It consists of a 5-quart fountain and a Peerless Heater to prevent the water from freezing. The lamp holds 1 pint of kerosene and will burn one week day times. Easy to care for and costs little to run. Each \$3.00.



PEERLESS HEATER

Can be used for heating any kind of fountain in cold weather. Each \$2.00.

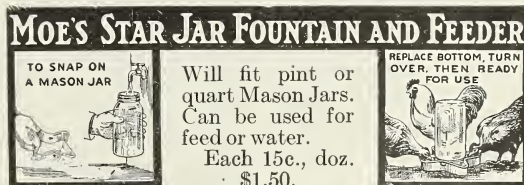


FELKER'S SHELL GRIT AND CHARCOAL FEEDER

This hopper can be used as a one, two or three compartment feeder. Strongly built of galvanized iron. Each \$1.00.

FELKER'S POULTRY FEEDER

For dry mash, scraps, etc. Each \$1.75.



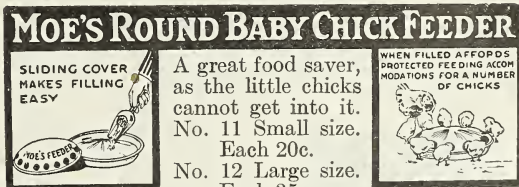
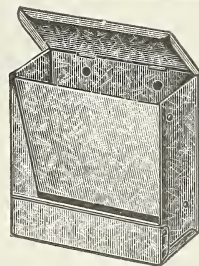
TO SNAP ON
A MASON JAR

Will fit pint or quart Mason Jars. Can be used for feed or water. Each 15c., doz. \$1.50.

REPLACE BOTTOM, TURN
OVER, THEN READY
FOR USE

KENTUCO CHICK FEEDER

This feeder is designed so that the feed will run out easily and keep just enough before the chicks without clogging or letting them throw it out and waste it. Size 5 in. long by 6 in. high No. 31. Each 50c.

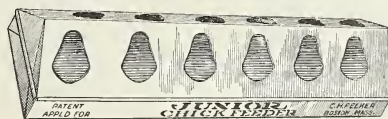


SLIDING COVER
MAKES FILLING
EASY

A great food saver, as the little chicks cannot get into it. No. 11 Small size. Each 20c. No. 12 Large size. Each 35c.

WHEN FILLED AFFORDS
PROTECTED FEEDING ACCORD
TO CONDITIONS FOR A NUMBER
OF CHICKS

THE JUNIOR CHICK FEEDER



For feeding dry mash, grain, sour milk or water to small chicks. 12 inches long. Each 35c.

THE "ALL-RITE" FOUNTAIN

Fits any Mason Jar and has hanger to hang up out of dirt or litter. Each 25c.

EGG BOXES AND CRATES



SELF-LOCKING EGG BOXES

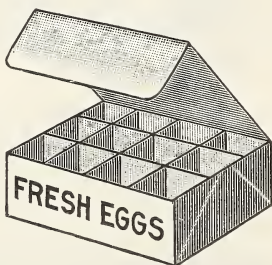
Made with best quality card board. Ventilated and self locking. 25 for 40c., 100 for \$1.30. 1000 for \$12.00.

FOLDING PAPER EGG BOXES

Convenient for carrying a dozen eggs to local customers. Doz. 20c., 50 for 60c., 100 \$1.00, 1000 \$9.00.

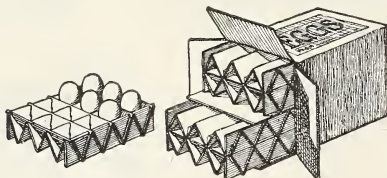
EGG CASE FILLERS

Full cushion fillers for cases of eggs. Regulation 2x6 style. 50 for 85c., 100 \$1.50.



THE "SEFTON" EGG BOX

Made with corrugated board for Parcels Post. 2 dozen size. Each 25 cts., doz. \$2.50.

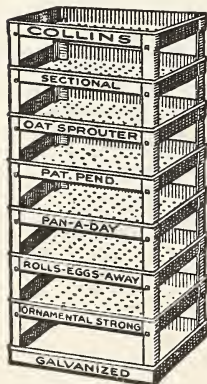


SURETY CUSHION EGG BOX

A simple and safe box for delivery of eggs by Parcels Post. Doz. size, each 20c., doz. \$2.00, 100 \$15.00; 2 doz. size, each 30c., doz. \$3.50. 100 \$22.00; extra filler sets, each 15c., doz. \$1.50, 100 \$8.00.

SURETY CUSHION HATCHING

Made for shipping hatching eggs safely. 15-egg size. each 30c., doz. \$3.00; 30-egg size, each 60c., doz. \$6.00.

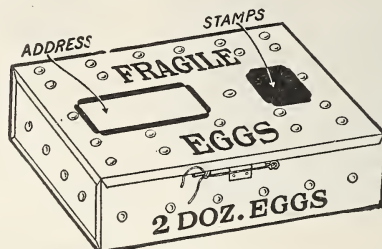


COLLINS OAT SPROUTER

The Collins Oat Sprouter is made in units, eight separate pans of galvanized steel. The pans are 11x15 in. and fit on top of each other. The pans are perforated to furnish the right drainage to insure sprouting of all the fertile grain.

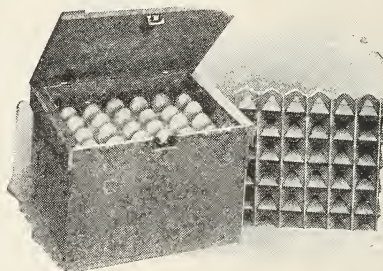
Place beside furnace or in warm room and you have a continuous supply of green feed. With eight pans. Each \$4.00. With five pans \$3.00.

ALUMINIZED METAL EGG CRATES



These are made for continued use, light in weight and to eliminate breakage of eggs. Fillers are made for long life and crates do not require any wrapping for mailing. 2 doz. size \$1.25; 4 doz. size \$1.75.

SURETY CUSHION WOODEN EGG CRATES



Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which hold the eggs from coming in contact with each other. Two doz. size, each \$1.60; 4 doz. size \$2.00; 6 doz. size \$2.25; 8 doz. size \$2.50; 10 doz. size \$3.00.

Extra filler sets, 12 egg size, doz. \$1.50, 100 \$8.00. 24 egg size doz. \$3.00, 100 \$16.00.

EXERCISER AND FEEDER ATTACHMENT

This can be attached to any can or box and will make the best regulator to hang and scatter the feed in the litter. Each 75c.



CONKEY'S LAYING TONIC

This will increase egg production. It is not a food in itself and should be mixed with foods as directed.

1½ lb. pkg. 25c., 3¼ lb. pkg. 50c.



HORTICULTURAL AND FARM BOOKS

FRUITS, FLOWERS, GARDENING, ETC.

American Fruit Culturist. J. J. Thomas.	\$3.50	Landscape Gardening, Practical. R. Crid-	
Asparagus. F. M. Hexamer.	.90	land.	\$2.50
Bulbs and Tuberous-Rooted Plants.	2.00	Landscape Gardening. O. C. Simmons.	6.00
Bush Fruits. F. W. Card.	3.00	Lawns and How to Make Them. L. Barron	1.25
Cabbage and Cauliflower. C. L. Allen.	.90	Manures and Fertilizers. H. J. Wheeler.	2.50
Carnation Culture. J. Harrison Dick.	1.75	Milady's House Plants. F. E. Palmer.	1.00
Cyclopedia of Horticulture. L. H. Bailey,		Muck Crops. Wilkinson.	1.75
In six volumes; new edition now published.		Mushroom Culture. Duggar.	2.00
Per volume.	8.00	Mushrooms, How to Grow Them. Fal-	
Fertilizers. E. B. Voorhees.	2.50	coner.	1.60
Fertilizers and Crops. Dr. Van Slyke.	3.25	Mushrooms, How to Grow.	.10
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Flowers, How to Grow Them. Rexford.	.75	Orchard Book. Biggle.	.75
Forcing Book. L. H. Bailey.	2.00	Plant Culture. G. W. Oliver and Hottes.	3.50
Fruit Diseases, Manual of. Hessler and		Plant Propagation, Commercial. A. C.	
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Fruit Growing, Principles of. L. H. Bailey	2.50	Potato, The. S. Fraser.	1.00
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Garden Making. L. H. Bailey.	2.25	Rose, On the. Parsons.	1.60
Gardening for Pleasure.	2.00	Rose Culture. Ellwanger.	1.50
Gardening for Profit. P. Henderson.	2.00	Rose Culture, Commercial. E. Holmes.	1.75
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structor. Johnson. 923 pages.	6.50	Jr. De Luxe Edition.	7.50
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Greenhouses, Their Construction and		Sweet Corn. A. E. Wilkinson.	1.00
Equipment. Wright.	2.25	Sweet Peas for Profit. J. Harrison Dick.	1.75
Greenhouse Management. L. R. Taft.	2.25	Sweet Potato Culture. J. Fitz.	.90
Hardy Perennials. J. Wood.	2.00	Tomato Culture. Tracey.	.90
Hedges and Windbreaks. E. P. Powell.	.90	Trees, Shrubs, Vines and Herbaceous	
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		Water Gardening. Peter Bisset.	3.50

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Drainage, Farm. French.	1.60	Dryden.	2.00
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Farm and Garden Rule Book. L. H. Bailey.	3.25	Poultry Feeding and Fattening. Fiske.	.90
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Prices of Books are subject to change.

We shall be pleased to supply any books not listed above at advertised prices.

INSECTICIDES

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale and other insects and blights. Use one part to forty parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$3.00.

ANT DESTROYER. A non-poisonous powder. Will destroy or drive away black ants. Box 15c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.

ARSENATE OF LEAD, Paste Key Brand. For caterpillars, chewing insects, fruit flies and codling moth. Contains 15½ per cent. Arsenic Oxide. Mixes easily in water and will not burn foliage. Dilute 1 lb. to 20 gals. water. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.00, 50 lbs. \$10.50, 100 lbs. \$20.00.



ARSENATE OF LEAD, Powdered, Key Brand. Better than Paris Green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 65c., 5 lbs. \$3.00, 10 lbs. \$5.00, 25 lbs. \$12.00.

BORER OIL. Useful for flat and round head Borers in Peach and other trees. Pt. 50c.



BORDO-LEAD, Paste, Key Brand. Insecticide and fungicide. Two sprays in one. A mixture of Arsenate of Lead and Bordeaux Mixture. Splendid for Potatoes, Apples, Pears and vegetables. 1 lb. makes 3½ gallons ready to apply. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.00, 50 lbs. \$11.50, 100 lbs. \$21.00.

BORDEAUX MIXTURE, Paste, Key Brand. For blight, mildew, rust and fungus diseases. 1 lb. to 3 gals. of water. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$5.50, 50 lbs. \$10.00.

BORDEAUX MIXTURE, Powder, Key Brand. Used same as Bordeaux Mixture, also for dusting dry. For spraying use 1 lb. to 8 gals. water. Lb. 55c., 5 lbs. \$2.50, 25 lbs. \$8.00.

BOROWAX. A complete protection against borers if properly applied to Peach, Plum, Apple, Pear and Quince trees. Qt. 60c., gal. \$1.75.

BUG DEATH. Is extensively used for Cabbage and Tomato worms, Potato and Cucumber bugs. Lb. 20c., 3 lbs. 80c., 5 lbs. 90c., 12½ lbs. \$1.60.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.25.

CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. Pkg. 30c., 10 lbs. \$1.25, 50 lbs. \$5.00.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on Carnations and Violets. Gal. \$3.00.

CUT WORM KILLER (Sterlingworth). This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. 1 lb. is sufficient for 175 plants or 100 ft. of drill. Lb. 30c., 5 lbs. \$1.35, 25 lbs. \$5.00.

FLY KNOCKER. Protects all animals from flies. Qt. 75c., $\frac{1}{2}$ gal. \$1.25, gal. \$2.00.

FORMALDEHYDE. A useful fungicide for Potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes use 1 lb. to 30 gals. of water and soak the tubers about 1½ hours before planting. Lb. bottle 75c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Pt. 65c., qt. \$1.00, gal. \$3.00.

GISHURST COMPOUND. An English preparation for green fly, scale, mealy bug, red spider, etc. 1-lb. box \$1.00.

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 90c., 10 lbs. \$1.75, 100-lb. keg \$17.00.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 35c., lb. 65c., 5 lbs. \$3.00.

IMP SPRAY SOAP. Effective against green fly, aphids, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$2.75.

KEY-CIDE POWDER. A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers. 1 lb. makes 7 gals. liquid. $\frac{1}{2}$ lb. 35c., lb. 65c., 5 lbs. \$3.00, 10 lbs. \$5.00.



KEROSENE MISCIBLE OIL, Key Brand. Better than Kerosene Emulsion. Mixes easier, has greater killing power and is valuable against all soft-bodied insects. Contains 80 per cent. Kerosene. Dilute 1 part of oil to 16 parts of water. For tender plants 1 part to 30 parts water. Qt. 70c., gal. \$1.75, 5 gals. \$7.00, 50 gals. \$50.00.

KRYSTAL GAS. The best remedy for Peach Tree borers. 1 lb. tins, \$1.00 each.

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. $\frac{1}{2}$ pt. 30c., pt. 50c., qt. \$1.00, $\frac{1}{2}$ gal. \$1.75, gal. \$3.00.



LIME SULPHUR, Dry. Used for all scale insects as a dormant spray. Has all the effectiveness of Liquid Lime Sulphur, and is much easier to handle. 1 lb. makes from 4 to 10 gallons. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$5.55.

MAGOTITE. Protects all crops from the ravages of the root maggot in Cabbage, Cauliflower, Onions, Radishes, Turnips, etc. Also earth worms in lawns and putting greens. 2 lbs. for 300 ft. of drill. 2 lbs. 40c., 4 lbs. 70c. 8 lbs. \$1.25, 25 lbs. \$3.00, 100 lbs. \$9.50.

INSECTICIDES—Continued

MELROSINE. The general contact insecticide that kills rose bugs and other insects. Dilute with 20 to 25 parts of water. Pleasant and harmless to use, guaranteed effective when used according to directions on can. Pt. \$1.00, gal. \$6.00.



NICO-FUME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. Lb. \$2.35, 4 lbs. \$8.50, 8 lbs. \$16.50.

NICO-FUME PAPER. Extra strong tobacco paper for burning. 24 sheets \$1.35, 144 sheets \$6.00, 288 sheets \$11.00.

NICOTINE FUMIGATOR, HALL'S. A simple and effective specially prepared tobacco powder for fumigating. 2½-lb. tins, \$2.50; 10-lb. tins, \$8.50.

NICOTINE SULPHATE, "Black Leaf 40." For aphids, thrips, etc., 1 oz. bottle 25c., ½ lb. \$1.25, 2 lbs. \$3.75, 10 lbs. \$15.50.

PARIS GREEN. For potato bugs, etc. ¼ lb. 25c., ½ lb. 40c., lb. 75c., 5 lbs. \$3.50.

PYROX, Bowker's. Kills all leaf-eating insects and prevents blights and fungous troubles, without injury to fruit or foliage. Sticks like paint and rain don't wash it off. Lb. 45c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$7.00, 50 lbs. \$11.00, 100 lbs. \$20.00.

READEANA (Rose Bug Exterminator). Destroys rose bugs, black ants, etc., without injury to plants. Mix one part with three parts of water and apply with brush or sprayer. Can 50c., 24 oz. \$1.00, gal. \$4.00, 5 gals. \$17.50.

SCALE DESTROYER, TARGET (Soluble Oil). Dormant spray for San Jose, and Oyster Shell Scale. Most effective for Leaf roller. Spray for tree infesting scale and most soft bodied sucking insects. May be used in Spring or Fall. Mixes easily, has no sediment, spreads and creeps into crevices of rough bark. Dilute 1 gallon to 20 gallons water, ready to apply. Qt. 60c., gal. \$1.45, 5 gals. \$6.50, 30 gals. \$26.00, 50 gals. \$38.00.



SCALECIDE. For San Jose scale and spraying all kinds of trees. 1-gal. can \$1.45, 5 gals. \$6.50, 10 gals. \$11.00, 30 gals. \$27.00, 50 gals. \$40.00.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1-lb. cartons 20c., 5-lb. pkg. 60c., 10 lbs. \$1.10, keg of 125 lbs. \$13.00.

SULCO V-B. Used for sale, aphids, plant lice and fungous diseases. Qt. 60c., gal. \$1.75, 5 gals. \$6.50, 50 gals. \$40.00.

SULPHUR, Powdered. A staple preventive for mildew on Grapes, Roses, etc. Lb. 10c., 10 lbs. 75c., 25 lbs. and over, 7c. per lb.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. 1 lb. will make a band 7 to 8 ft. long. Lb. can 50c., 5 lbs. \$2.25, 10 lbs. \$4.25, 20 lbs. \$8.00.

TREE WOUND PAINT, Key Brand. Prevents decay. A penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. \$1.00, gal. \$2.75.



TOBACCO DUST. Destroys Rose lice, Cabbage and Turnip fleas, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$6.00.

TOBACCO DUST FOR FUMIGATING. Used for burning in place of stems. 10 lbs. \$1.00, 50 lbs. \$3.25, 100 lbs. \$6.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs. \$4.00, 250 lbs. \$9.00.

VERMINE. For all soil vermin, such as cut, eel, or wire worms, slugs, root lice and ants. ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

WHALE OIL SOAP WITH TOBACCO. Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$7.00.

WHITE FLY LIQUID. An insecticide for spraying. Will destroy white fly on Pelargoniums, Fuchsias and other plants without injury to the leaves. Lb. cans \$3.00.

WORM ERADICATOR, Rhead's Electric. For destroying worms in lawns, pots, etc. One gal. makes 150 gals. solution. 8-oz. bottles 50c., gal. \$4.00, 5 gals. \$17.50.

X.-L. ALL LIQUID INSECTICIDE. For spraying. Harmless to very delicate plants; kills all insect pests. Qt. \$2.00, gal. \$7.00.

X.-L.-ALL VAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$3.00; bottle sufficient for 20,000 cu. ft., No. 2, \$5.00. Fumigators for above, \$2.25 each.

ZENKE'S FUNGICIDE. Effective remedy for leaf spot, rust, mildew and black rot. Gal. \$4.00.

ZENOLEUM. A valuable disinfectant and destroyer of insects in chicken houses, stables, etc. ½ lb. tin 35c., qt. 75c., gal. \$2.00, 5 gals. \$8.00.

FERTILIZERS

BONE MEAL. Pure Bone Dust.

This bone meal is made from the best quality of bone and finely pulverized. Valuable for top dressing lawns, Roses, flowers and vegetables. Apply about 1000 lbs. per acre or 5 lbs. to 100 sq. ft. 5 lbs. 35c., 10 lbs. 60c., 50 lbs. \$2.50, 100 lbs. \$4.00, 200 lbs. \$7.00, ton \$60.00.

BONE, CRUSHED

A coarse or medium grade, well adapted for Grapevine and Rose borders. 10 lbs. \$5.00, ton \$70.00.

BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 100 lbs. \$5.00, 200 lbs. \$9.00, ton \$75.00.

BONARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. ½ lb. pkt. 35c., 5-lb. pkg. \$2.50, 50 lbs. \$18.00.

CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$5.50. Very coarse, per bag, \$5.00.

CLAY'S FERTILIZER

Bags of 56 lbs. \$8.00, and 112 lbs. \$15.00.

COW MANURE

In carload lots only, f.o.b. Bushwick, L. I.

DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$7.50.

HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 100-lb. boxes, \$3.00 each, ton in boxes, \$40.00, ton in bag, \$25.00, f. o. b., Lafayette, N. J.

LAND PLASTER

Useful for composting or mixing with manure or on sour soils. 100 lbs. \$2.25, ton \$35.00.

LIME, HYDRATED

For correcting acids in soils use 8 lbs. for 30 sq. ft. of ground. 5 lbs. 25c., 10 lbs. 35c., 25 lbs. 60c., 50 lbs. \$1.00.

LIMESTONE, GROUND

A very finely screened ground Limestone. Useful for sour soils and to correct improper conditions of the soil. Ton \$9.00, f. o. b. factory, West Stockbridge, Mass.

NITRO-FERTILE

An odorless liquid fertilizer for potted plants, lawns, flowers and vegetable gardens. It is a scientific combination in liquid form of nitrogen, phosphoric acid and potash. Use mixed with water, 1 gallon of Nitro-Fertile to 125 to 200 gallons. ½ pt. 35c., qt. \$1.00, gal. \$3.00, 5 gals. \$14.00, 25 gals. \$60.00.

NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes, grasses, Peas, Beans, Clover, etc. Being extremely soluble, it should not be applied until the plants are above ground. 1 lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.00.



OYAMA PLANT FOOD.

For house plants or flower and vegetable gardens. It keeps the soil rich but odorless and is economical to use. It contains 17% of nitrogen and can be used in dry or liquid form. Full directions on each package. Pkg. to make 6 gallons, 35c.

PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5-lb. pkg. 40c., 10 lbs. 75c., 50 lbs. \$2.00, 100 lbs. \$3.50, ton \$60.00.

SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.00, 200 lbs. \$3.75.

STABLE MANURE

Fresh or rotted stable manure in carload lots only. Prices on application f. o. b. Bushwick Junction, L. I., or Jersey City, N. J.

SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bag of 100 lbs. \$7.00.

STIM-O-PLANT

PLANT STIMULANT TABLET

A plant food in tablet form for fertilizing all kinds of growing plants in the home or garden. Tablets should be used in the soil or dissolved in water and applied to the soil. 30 tablets 25c., 100 tablets 75c., 1000 for \$3.50.

THOMSON'S CHRYSANTHEMUM MANURE

A special top dressing of unusual merit. 28 lbs. \$4.50, 56 lbs. \$8.00, 112 lbs. \$15.50.

THOMSON'S VINE AND PLANT MANURE

A well-known English fertilizer. 56 lbs. \$5.50, 12 lbs. \$10.00.

WOOD ASHES

For lawns, gardens and fruits, hardwood ashes are unequaled. 100 lbs. \$2.00, ton \$25.00.

Owing to present conditions all prices of Fertilizers are subject to market changes.

BOWKER'S FERTILIZERS

"For the Land's Sake Use Bowker's Fertilizers"

BOWKER'S COMPLETE MANURE

Used for Potatoes and root crops. Ammonia, 5 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent. 200 lbs. \$6.50, ton \$55.00.

HILL AND DRILL PHOSPHATE

This is made for using in hills and drills and sowing broadcast for farm and truck crops. Ammonia, 3 per cent.; available phosphoric acid, 9 per cent.; potash, 2 per cent. 200 lbs. \$5.50, ton \$45.00.

MARKET GARDEN MANURE

A general fertilizer for farm and garden. Ammonia, 4 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent. 100 lbs. \$3.50, 200 lbs. \$6.00, ton \$50.00.

All the above fertilizers are offered f. o. b. factory at Carteret, N. J. Prices are subject to change without notice.

POTATO SPECIAL MANURE

An excellent manure for Potatoes or other root crops, where quick, strong growth is essential. Ammonia, 4 per cent.; available phosphoric acid, 8 per cent.; potash, 6 per cent. 100 lbs. \$3.50, 200 lbs. \$6.00, ton \$53.00.

SOLUBLE PHOSPHATE

For farm crops; 14 per cent. available phosphoric acid. 200 lbs. \$2.50; ton \$21.00.

SUPERPHOSPHATE WITH AMMONIA

A useful fertilizer for farm and garden crops. Ammonia, 4 per cent.; available phosphoric acid, 10 per cent. 200 lbs. \$5.50, ton \$47.50.

Mulford Cultures

FOR LEGUMES

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches, Garden Peas, Beans, and all other legume crops with

Small Cost

Large Returns

Easy to Use

No Labor Expense



Uninoculated ALFALFA Inoculated
Photographed on same scale. Plant on left
not inoculated—Plant on right inoculated with
Mulford Cultures for Alfalfa. All other
conditions identical.

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

Mulford Cultures are "different," and should not be confused with other brands.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Dept. of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for:

Alfalfa	Red Clover	Soy Beans	Sweet Peas
(Lucerne)	Alsike Clover	Peanuts	Garden Peas
Crimson Clover	Bur Clover	Vetch	Garden Beans
Sweet Clover	Cow Peas	Velvet Beans	Lima Beans

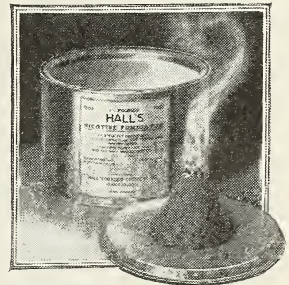
Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume. Prices: 5-acre size, \$5.00 (A dollar per acre); 1-acre size, \$1.50; 1/4-acre size, 75c. Small size (supplied only in 4 varieties, for garden Peas, garden Beans, Lima Beans and Sweet Peas), 35c.

Free descriptive folder sent upon request.

HALL'S NICOTINE FUMIGATOR FOR GREENHOUSES

A simple and effective preparation for fumigating greenhouses, for plant lice and thrips. It is a specially prepared tobacco powder, which has been treated to insure proper burning qualities, and which is saturated with pure Nicotine.

Simply fill the enclosed measuring dipper with the fumigator, press it in gently and place on an inverted, empty tin can. Set the can on the floor and light the cone at the top. It will burn evenly, without flaming, and will be consumed in about five minutes, vaporizing the Nicotine. An ordinary greenhouse, 20 by 100 feet, will require three of the above charges—equally spaced—for strong fumigation, or one (1) measureful for each 7000 cubic feet of space. 2 1/2-lb. tin \$2.50, 10-lb. tin \$8.50.





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MARSHALL'S PLANTING TABLE



Vegetable Seeds for Planting in Hotbeds in March

BEANS	CAULIFLOWER	KOHL-RABI	PARSLEY
BEETS	CELERY	LEEK	PEPPER
EARLY CABBAGE	EGG PLANT	LETTUCE	RADISH
EARLY CARROT	ENDIVE	ONION	TOMATO

Seed Sowing and Planting Table for Vegetables for
Home Gardeners in New York and Vicinity

Variety of Vegetable	Time to Sow Open Ground	No. of Days required to Ger- minate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed, etc., Required	Depth to Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe....	May.....			2-3 ft....	2-3 ft....	½ oz. for 100 ft. row	1-2 in.
ARTICHOKE, Jerusalem	April.....			1-2 ft....	2-3 ft....	Peck for 100 ft. row.	3 in.
ASPARAGUS, Seeds....	April & May	20 to 28	3 to 4 years.			2 oz. for 100 ft. row..	1-2 in.
ASPARAGUS, Roots....	April.....			1 ft.....	2 ft.....	100 for 100 ft. row..	3-5 in.
BEANS, Dwarf.....	May to Aug.	6 to 10	45 to 75 days	3 in.....	2 ft.....	1 qt. for 150 ft. row..	½-2 in.
BEANS, Pole and Lima..	May to June	6 to 10	65 to 100 "	3 ft.....	4 ft.....	1 qt. for 100 hills...	1-2 in.
BEETS.....	April to Aug.	7 to 10	60 to 75 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale)....							
For Spring use....	Aug. & Sept.	6 to 10	85 to 120 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
For Fall use.....	June.....	6 to 10	85 to 120 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS...	April to July	6 to 10	100 to 120 "	1½ ft....	2½ ft....	¼ oz. for 100 ft. row	½ in.
CABBAGE, Early.....	April.....	6 to 10	100 to 125 "	1½ ft....	2 ft.....	¼ oz. for 100 ft. row	½ in.
CABBAGE, Late.....	May to June	6 to 10	120 to 180 "	2½ ft....	2½ ft....	¼ oz. for 100 ft. row	½ in.
CARROT, Early.....	April.....	10 to 15	65 to 85 "	4 in.....	1½ ft....	½ oz. for 100 ft. row	½ in.
CARROT, Late.....	May to July.	10 to 15	100 to 120 "	5 in.....	2 ft.....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early...	April.....	6 to 10	100 to 115 "	1½ ft....	2½ ft....	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Late...	May & June	6 to 10	100 to 135 "	2 ft.....	3 ft.....	¼ oz. for 100 ft. row	½ in.
CELERY.....	April.....	12 to 20	125 to 150 "	6 in.....	3 to 5 ft.	¼ oz. for 100 ft. row	½ in.
CHERVIL.....	April & May	6 to 10		broadcast.	20 in....	1 oz. for 100 ft. row..	1 in.
CORN, Sugar.....	May to July	8 to 10	60 to 100 "	3 ft.....	4 ft.....	1 qt. for 200 hills...	1-2 in.
CRESS, Curled.....	April.....	4 to 6	30 "	broadcast.	1 ft.....	½ oz. for 100 ft. row	on surface
CUCUMBER.....	May to July	6 to 8	60 to 85 "	4 ft.....	4 ft.....	1 oz. for 60 hills...	1-2 in.
EGG PLANT.....		10 to 14	125 to 160 "	2½ ft....	2½ ft....	½ oz. for 100 ft. row	½-1 in.
ENDIVE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	1 oz. for 100 ft. row.	½-1 in.
HORSERADISH.....	April & May			14-20 in.	2½ ft....	70 roots for 100 ft..	3-4 in.
KOHL-RABI.....	April to July	6 to 8	65 to 85 "	1 ft.....	2 ft.....	½ oz. for 100 ft. row	½ in.
LEEK.....	April & May	6 to 10	120 to 160 "	6 in.....	1½ ft....	¼ oz. for 100 ft. row	1 in.
LETTUCE.....	April to Aug.	6 to 10	75 to 100 "	1 ft.....	1 ft.....	¼ oz. for 100 ft. row	½ in.
MELON, MUSK.....	May to June	6 to 10	90 to 120 "	4 ft.....	4 ft.....	1 oz. for 60 hills...	1-2 in.
MELON, WATER.....	May to June	8 to 12	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 30 hills...	1-2 in.
ONION Seed.....	April & May	6 to 10	120 to 150 "	3 in.....	1 ft.....	½ oz. for 100 ft. row	½-1 in.
ONION Sets.....	April & May			3 in.....	1 ft.....	3 pts. for 100 ft. row	1-2 in.
PARSLEY.....	April & May	18 to 24	90 to 100 "	4 in.....	1 ft.....	¾ oz. for 100 ft. row	½ in.
PARSNIP.....	April.....	12 to 18	100 to 150 "	6 in.....	1½ ft....	½ oz. for 100 ft. row	½-1 in.
PEAS, Wrinkled.....	April to July	5 to 10	50 to 75 "	2 in.....	2 to 4 ft.	1 qt. for 150 ft. row..	2-3 in.
PEAS, Smooth.....	April to Aug.	5 to 10	50 to 65 "	2 in.....	2 to 4 ft.	1 qt. for 150 ft. row.	2-3 in.
PEPPER.....		10 to 14	135 to 150 "	2 ft.....	2½ ft....	½ oz. for 100 ft. row	½ in.
POTATOES.....	April to June	15 to 25	75 to 100 "	10 in....	2½ ft....	1 pk. to 100 ft. row..	4 in.
PUMPKINS.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills...	1-2 in.
RADISH.....	April to Sept.	4 to 6	25 to 50 "	2-4 in....	1 to 1½ ft	1 oz. for 150 ft. row.	½-1 in.
RHUBARB ROOTS.....	April & May			3 ft.....	3 to 5 ft.	33 plants for 100 ft.	2-3 in.
SALSIFY.....	April.....	6 to 10	100 to 150 "	4 in.....	1 ft.....	½ oz. for 100 ft. row	1 in.
SPINACH.....	April to Sept.	6 to 12	60 to 75 "	4 in.....	1 to 1½ ft	1 oz. for 200 ft. row.	1-2 in.
SQUASH, Summer.....	May to July	6 to 10	60 to 75 "	4 ft.....	4 ft.....	1 oz. for 50 hills...	1-2 in.
SQUASH, Winter.....	May to June	6 to 10	100 to 125 "	8 ft.....	8 ft.....	1 oz. for 50 hills...	1-2 in.
TOMATO.....	June.....	6 to 10	125 to 150 "	3 ft.....	3 ft.....	½ oz. for 100 hills...	½-1 in.
TURNIP.....	April to Sept.	4 to 7	60 to 75 "	6 in.....	1 to 1½ ft	½ oz. for 100 ft. row	¼-½ in.

Insecticides to Use for Insects and Fungus Diseases

Insects that suck the juices from Plants and Foliage. In powder form, use Slug Shot, Hellebore or Tobacco Dust. In liquid form for spraying, use Aphine, Black Leaf 40, Kerosene Miscible Oil, Lemon Oil or Whale Oil Soap.

Insects that eat the Plants or Foliage. In powder form use Slug Shot, or Arsenate of Lead Powder. In liquid form use Aphine, Arsenate of Lead, Paris Green, or Whale Oil Soap.

Scale on Hard Wood Trees. Spray with Scale Killer, Scalecide or Lime Sulphur.

Fungus Diseases. Spray with Bordeaux, Fungine or Pyrox. Dust with Bordeaux or Grape Dust.

Underground Insects. Cut Worm Killer, Tobacco Dust or Vermine.

